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Parker's
EPHEMERIS

For the YEAR of Our LORD

1778.
172465
5

Being the Second after BISSEXTILE or LEAP-YEAR.

THE EIGHTY-NINTH IMPRESSION.



L O N D O N,

Printed for the Company of STATIONERS

And sold by GEORGE HAWKINS, at their Hall

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Epemerides. h.

A Table of Terms and their Returns, 1778.

Hilary Term begins *Jan.* 23, ends *Feb.* 12.

Returns or Effoign Days.	Ex.	Ret.	Ap.	W. D.
In eight Days of St. Hilary,	<i>Jan.</i> 20	21	22	23 Friday
From the Day of St. Hilary in 15 Days,	27	28	29	30 Friday
On the Morrow of the Purif. Blessed <i>Mary</i> , <i>Feb.</i> 3	4	5	6	Friday
In eight Days of Purif. Blessed <i>Mary</i> ,	9	10	11	12 Thurs.

Easter Term begins *May* 6, ends *June* 1.

From the Day of Easter in 15 Days,	<i>May</i> 3	4	5	6 Wedn.
From the Day of Easter in 3 Weeks,	10	11	12	13 Wedn.
From the Day of Easter in 1 Month,	17	18	19	20 Wedn.
From the Day of Easter in 5 Weeks,	24	25	26	27 Wedn.
On the Morrow of the Ascension,	29	30	31	<i>J.</i> 1 Mond.

Trinity Term begins *June* 19, ends *July* 8.

On the Morrow of the Holy Trinity,	<i>June</i> 15	16	17	19 Friday
In eight Days of the Holy Trinity	21	22	23	24 Wedn.
In fifteen Days of the Holy Trinity	28	29	30	<i>J.</i> 1 Wedn.
In three Weeks of the Holy Trinity	<i>July</i> 5	6	7	8 Wedn.

Michaelmas Term begins *Nov.* 6, ends *Nov.* 28.

On the Morrow of All Souls,	<i>Nov.</i> 3	4	5	6 Friday
On the Morrow of St. Martin,	12	13	14	16 Mond.
In eight Days of St. Martin,	18	19	20	21 Satur.
In fifteen Days of St. Martin,	25	26	27	28 Satur.

N. B. No Sittings in *Westminster-hall* on Ascension-day, Midsummer-day, and the 2d of *February*.

The *Exchequer* opens eight Days before any Term begins, except Trinity, before which it opens but four Days.

Note, That the first and last Days of every Term, are the first and last Days of Appearance.

COMMON NOTES for the Year 1778.

Golden Number	12
Cycle of the Sun	23
The Epact	1
Dominical Letter	D
Number of Direction	29
Roman Indiction	11

January hath XXXI Days. Febr. hath XXVIII Days

First quart. 6 day at 9 morn.
Full moon 13 day at 2 morn.
Last quart. 20 day at 1 aftern.
New Moon 28 day at 3 aftern.

First quart. 4 day at 5 at night.
Full moon 11 day at 3 aftern.
Last quart. 19 day at 11 morn.
New moon 27 day at 5 morn.

M	Sundays and Saints Days, &c.	Moon South.	Moon fets.	M	Sundays and Saints Days, &c.	Moon South.	Moon fets.
1	Circumcision	2 A 13	6 A 34	D 4	Sund. aft. Epiph.	3 A 18	9 A 16
2		3 4	7 46	2	Purif. B. V. Mary	4 6	10 35
3		3 53	9 2	3	Blase	4 56	11 54
D 2	Sun. aft. Christ.	4 41	10 18	4		5 47	Morn.
5	Old Christm. Day	5 29	11 35	5	Agatha	6 41	1 16
6	Epiphany	6 17	Morn.	6		7 38	2 36
7		7 7	0 54	7		8 37	3 55
8	Lucian	8 0	2 16	D 5	Sund. aft. Epiph.	9 36	5 5
9		8 57	3 38	9		10 35	6 3
10		9 54	4 59	10		11 32	6 50
D 1	Sund. aft. Epiph.	10 55	6 18	11		Morn.	D rises
12	Old N. Year's Day	Plow	Mond.	12	Term ends	0 25	5 A 58
13	Camb. Term beg.	Hilary.	D rises	13	Old Candl. Day	1 14	7 11
14	Oxf. Term. beg.	0 M 55	5 A 53	14	Valentine	2 1	8 24
15		1 50	7 11	D	Septuages. Sund.	2 45	9 32
16		2 42	8 25	16		3 27	10 41
17	Old Twelfth Day	3 29	9 37	17		4 9	11 49
D 2	Sund. aft. Epiph.	4 13	10 46	18		4 52	Morn.
19	Q. Cha. B. D. kept	4 55	11 54	19		5 37	0 56
20	Fabian	5 36	Morn.	20		6 23	2 2
21	Agnes	6 18	1 1	21		7 11	3 6
22		7 1	2 7	D	Sexages. Sund.	8 1	4 6
23	Term begins	7 45	3 12	23		8 52	4 58
24		8 32	4 18	24	St. Matthias	Pr. Adolp. Fr. 60	
D 3	Sund. aft. Epiph.	Conv. St. Paul		25		10 39	6 23
26		10 12	6 16	26		11 31	6 52
27	Pr. Aug. Fred. bor.	11 3	7 11	27		0 A 22	D fets
28		11 57	D fets	28		1 14	7 A 1
29		0 A 49	5 A 24				
30	K. Cha. I. Mart.	1 41	6 40				
31		2 30	7 57				

" How blest is he, who leads a rural life,
" And smiles contented at his humble state ;
" Unknown to Envy, Faction, and to Strife,
" And feels no torments that attend the Great !

March hath XXXI Days.

First quart. 5 day at midn.
Full moon 13 day at 5 morn.
Last quart. 21 day at 7 morn.
New moon 28 day at 4 aftern.

M	Sundays and Saints Days, &c.	Moon South.	Moon fets.
D	Quinquages. Sun.	David	8 A 21
2	Chad	2 A 54	9 43
3	Shrove Tuesday	3 46	11 8
4	Ash Wednesday	4 40	Morn.
5		5 36	0 30
6		6 34	1 49
7	Perpetua	7 34	3 2
D	1 Sunday in Lent	8 31	4 3
9		9 27	4 51
10		10 22	5 30
11	Ember Week	11 11	6 1
12	Gregory	11 58	6 23
13		Morn.	7 rises
14		0 44	7 A 20
D	2 Sunday in Lent	1 27	8 30
16		2 9	9 39
17	St. Patrick	2 52	10 47
18	Edw. K. W. Sax.	3 36	11 54
19		4 22	Morn.
20		5 8	0 59
21	Benedict	5 57	2 2
D	3 Sunday in Lent	6 49	2 57
23		7 40	3 45
24		8 33	4 25
25	Lady Day	9 25	4 57
26		10 17	5 25
27		11 8	5 48
28		11 58	7 fets
D	Midlent Sunday	0 A 51	7 A 31
30		1 44	8 54
31		2 39	11 21

April hath XXX Days.

First quart. 4 day at 8 morn.
Full moon 11 day at 8 night.
Last quart. 20 day at 1 morn.
New moon 27 day at 1 morn.

M	Sundays and Saints Days, &c.	Moon South.	Moon fets.
1		3 A 37	11 A 45
2		4 36	Morn.
3	Richard	5 36	1 4
4	St. Ambrose	6 34	2 9
D	3 Sunday in Lent	Old Lady Day	
6		8 25	3 42
7		9 16	4 13
8		10 3	4 37
9		10 47	4 57
10	Camb. Term ends	11 31	5 16
11	Oxf. Term ends	Morn.	7 rises
D	Palm Sunday	0 12	7 A 35
13		0 54	8 44
14		1 38	9 51
15		2 24	10 59
16	Maundy Thurid.	3 10	Morn.
17	Good Friday	3 59	0 1
18		4 49	0 59
D	Easter Day	Alpheg	1 50
20	Easter Monday	6 30	2 31
21	Easter Tuesday	7 22	3 7
22		8 12	3 34
23	St. George	9 2	3 58
24		9 53	4 18
25	St. Mark	Prs. Mary bo.	
D	Low Sunday	11 36	4 59
27		0 A 31	7 fets
28		1 29	9 A 26
29	Oxf. & Cam. T. be.	2 30	10 47
30		3 32	Morn.

“ Unvex'd with Troubles, undisturb'd he lives,
“ Low in the herbag'd, sweet, sequester'd Dale,
“ And tastes the Joys which calm Contentment gives;
“ For calm Contentment loves the cottag'd Vale.

May hath XXXI Days.

First quart. 3 day at 4 aftern.
Full moon 11 day at noon.
Last quart. 19 day at 3 aftern.
New moon 26 day at 9 morn.

M	Sundays and Saints Days, &c.	Moon South.	Moon sets.
1	St. Phil.	4 A 33	o M 2
2		5 32	1 4
3	2 Sund. aft. Easter	Inv. of the Cross	
4		7 21	2 23
5		8 8	2 51
6	Term begins	S. John	3 11
7		9 35	3 29
8		10 17	3 45
9		11 0	4 1
10	3 Sund. aft. Easter	11 42	4 18
11		Morn.	5 rises
12	Old May Day	0 26	8 A 48
13		1 11	9 57
14		1 59	10 59
15		2 48	11 53
16		3 38	Morn.
17	4 Sund. aft. Easter	4 28	0 34
18		5 18	1 11
19	Q. Charlotte born	Dunf.	1 39
20		6 55	2 3
21		7 44	2 24
22	Prs. Eliz. born	8 33	2 44
23		9 23	3 3
24	Rogation Sunday	10 15	3 22
25		11 11	3 45
26	Augustin	0 A 10	5 sets
27	Ven. Bede	1 13	9 A 46
28	Holy Thursday	2 16	10 52
29	K. Cha. II. Rest.	3 19	11 45
30		4 18	Morn.
31	6 Sund. aft. East	5 13	0 25

June hath XXX Days.

First quart. 2 day at 3 morn.
Full moon 10 day at 4 morn.
Last quart. 17 day at midn.
New moon 24 day at 4 aftern.

M	Sundays and Saints Days, &c.	Moon South.	Moon sets.
1	Term ends	Nicomede	
2		6 50	1 M 17
3		7 33	1 35
4	K. Geo. III. born	Oxf. T. ends	
5	Pr. Er. Aug. born	Boniface	
6		9 39	2 23
7	Whit-Sunday	10 23	2 39
8	Whit-Monday	11 7	3 1
9	Whit-Tuesday	11 53	3 24
10	Ember Week	Prs. Amelia be	
11	St. Barnabas	0 M 41	5 rises
12		1 31	10 A 30
13		2 21	11 9
14	Trinity Sunday	3 12	11 41
15		4 1	Morn.
16		4 48	0 5
17	Oxf. Term begins	6 21	0 45
18	Corpus Christi.	7 6	1 3
19	Term begins	7 58	1 52
20	Tr. Ed. K. W. Sax.		
21	1 Sun. aft. Trin.	Longest Day	
22		2 47	2 6
23		10 45	2 38
24	St. John Baptist	11 50	3 sets
25		0 A 54	9 A 28
26		1 57	10 14
27		2 56	10 49
28	2 Sun. aft. Trin.	3 49	11 13
29	St. Peter	4 38	11 36
30		5 22	11 54

" Him peaceful Silence lulls to quiet Rest,
" And blessings crown his ever-still Retreat ;
" Whose lonely Cottage is with Comfort blest,
" While Heav'n makes all his rural Joys complete.

July hath XXXI Days.

First quart. 1 day at 3 aftern.
Full moon 9 day at 7 at night.
Last quart. 17 day at 8 morn.
New moon 23 day at 11 at night.
First quart. 31 day at 6 morn.

M	Sundays and D Saints Days, &c.	Moon South.	Moon fets.
1		6 A 7	Morn.
2	Visit. B. V. Mary	6 49	0 9
3	Dog Days begin	7 31	0 25
4		8 14	0 42
5	D 3 Sund. aft. Trin.	Old Mif. Day	
6		9 43	1 23
7	Camb. Commenc.	Tho. a Becker	
8	Term ends	11 22	2 25
9		Morn.	11 rises
10	Camb. Term ends	0 13	9 A 5
11	Oxford AG.	1 2	9 37
12	D 4 Sund. aft. Trin.	1 52	10 4
13		2 40	10 26
14		3 27	10 46
15	Swithin	4 14	11 4
16		5 0	11 22
17		5 47	11 42
18	Oxf. Term ends	6 37	Morn.
19	D 5 Sund. aft. Trin.	7 30	0 4
20	Margaret	8 27	0 31
21		9 28	1 8
22	St. Mary Magdal.	10 30	1 57
23		11 34	11 fets
24		0 A 35	8 A 40
25	St. James	1 32	9 11
26	D 6 Sund. aft. Trin.	St. Anne 36	
27		3 14	9 55
28		3 58	10 11
29		4 42	10 27
30		5 25	10 44
31		6 7	11 2

August hath XXXI Days.

Full moon 8 day at 8 morn.
Last quart. 15 day at 2 aftern.
New moon 22 day at 8 morn.
First quart. 29 day at 11 night.

M	Sundays and D Saints Days, &c.	Moon South.	Moon fets.
1	Lammas Day	6 A 5	11 A 23
2	D 7 Sund. aft. Trin.	7 37	11 49
3		8 25	Morn.
4		9 14	0 22
5		10 4	1 3
6	Transfiguration	10 56	1 52
7	Name of Jesus	11 47	2 53
8		Morn.	11 fets
9	D 8 Sund. aft. Trin.	0 37	8 A 31
10	St. Laurence	1 25	8 53
11	Prs. Brunfw. bo.	Dog Days end	
12	Pr. of Wales bo.	Old Lamm. Day	
13		3 46	9 48
14		4 35	10 8
15	Assumpt. B.V.M.	5 26	10 24
16	D 9 Sund. aft. Trin.	Fr. Fred. bo.	
17		7 18	11 48
18		8 19	Morn.
19		9 21	0 45
20		10 22	1 53
21	Pr. Will. Hen. bo.	11 21	3 11
22		0 A 16	11 fets
23	D 10 Sun. aft. Trin.	1 6	8 A 0
24	St. Bartholomew	1 53	8 18
25		2 38	8 35
26		3 21	8 5
27		4 5	9 1
28	St. Augustine	4 51	9 30
29	St. J. Bapt. behead.	5 36	9 53
30	D 11 Sun. aft. Trin.	6 23	10 24
31		7 12	11 1

“ Who thankful takes his Food from Nature's Hand,
“ And labours chearful all the live-long Day;
“ Who cultivates with Joy the fertile Land,
“ That makes Return his Labour to repay,

September hath XXX Days.

October hath XXXI Days.

Full moon 6 day at 9 night.
 Last quart. 13 day at 7 night.
 New moon 20 day at 7 night.
 First quart. 28 day at 7 night.

Full moon 6 day at 8 morn.
 Last quart. 13 day at 2 morn.
 New moon 20 day at 10 morn.
 First quart. 28 day at 2 aftern.

M	Sundays and	Moon	Moon
D	Saints Days, &c.	South.	fets.
1	Giles	8 A 2	11 A 47
2	London burnt,	8 54	Morn.
3	1666, O. S.	9 45	0 45
4		10 36	1 51
5		11 25	3 0
6	16 Sun. aft. Trin.	Morn.	risef
7		0 14	7 A 24
8	Nativ. B. V. M.	1 3	7 42
9		1 51	8 0
10		2 39	8 21
11		3 31	8 44
12		4 25	9 15
13	13 Sun. aft. Trin.	5 22	9 52
14	Holy Crofs Day	6 20	10 44
15		7 21	11 47
16	Ember Week	8 22	Morn
17	Lambert	9 20	1 2
18		10 13	2 21
19		11 5	3 41
20	14 Sun. aft. Trin.	11 54	fets
21	St. Matthew	0 A 40	6 A 49
22	K. Geo. III. crown	1 25	7 5
23		2 8	7 22
24		2 53	7 42
25		3 38	8 5
26	St. Cyprian	4 25	8 31
27	15 Sun. aft. Trin	5 13	9 5
28		6 3	9 48
29	St. Michael L.	Prs Ch. Aug 60.	
30	St. Jerome	7 44	11 42

M	Sundays and	Moon	Moon
D	Saints Days, &c.	South.	fets.
1	Remigius	8 A 35	Morn.
2		9 25	0 51
3		10 14	2 6
4	16 Sun. aft. Trin.	11 2	3 23
5		11 51	4 42
6	Faith	Morn.	risef
7		0 40	6 A 32
8		1 33	6 56
9	St. Denys	2 27	7 24
10	Oxf. & Cam. T. be.	Old Mich. Day	
11	17 Sun. aft. Trin.	4 23	8 47
12		5 24	9 47
13	Tr. K. Edw. Cont.	6 25	10 58
14		7 23	Morn.
15		8 17	0 14
16		9 8	1 33
17	Etheldred	9 58	2 51
18	18 Sun. aft. Trin.	St. Luke	
19		11 27	5 22
20		0 A 11	fets
21		0 55	5 A 52
22		1 39	6 12
23		2 25	6 37
24		3 13	7 8
25	19 Sun. aft. Trin.	K. Geo. III. acc.	
26	K. Geo. III. procl.	Crispin	8 35
27		5 42	9 32
28	St. Simon & Jude	6 31	10 36
29		7 20	11 47
30		8 8	Morn.
31		8 55	1 1

“ With how much Pleasure he surveys his flocks !

“ How joys to call the lowing Herds his own !

“ With how much Caution does he shun the Rocks,

“ Where Monster Vice exerts her Ebon Throne !

July hath XXXI Days.

First quart. 1 day at 3 aftern.
Full moon 9 day at 7 at night.
Last quart. 17 day at 8 morn.
New moon 23 day at 11 at night.
First quart. 31 day at 6 morn.

M	Sundays and	Moon	Moon
D	Saints Days, &c.	South.	fets.
1		6 A 7	Morn.
2	Visit. B. V. Mary	6 49	0 9
3	Dog Days begin	7 31	0 25
4		8 14	0 42
5	D 3 Sund. aft. Trin.	Old Milf. Day	
6		9 43	1 23
7	Camb. Commenc.	Tho. a Becker	
8	Term ends	1 22	2 25
9		Morn. D rises	
10	Camb. Term ends	0 13	9 A 5
11	Oxford AG.	1 2	9 37
12	D 4 Sund. aft. Trin.	1 52	10 4
13		2 40	10 26
14		3 27	10 46
15	Swithin	4 14	11 4
16		5 0	11 23
17		5 47	11 42
18	Oxf. Term ends	6 37	Morn.
19	D 5 Sund. aft. Trin.	7 30	0 4
20	Margaret	8 27	0 31
21		9 28	1 8
22	St. Mary Magdal.	10 30	1 57
23		11 34	D fets
24		0 A 35	8 A 40
25	St. James	1 32	9 11
26	D 6 Sund. aft. Trin.	St. Anne	36
27		3 14	9 53
28		3 58	10 11
29		4 42	10 27
30		5 25	10 44
31		6 7	11 2

August hath XXXI Days.

Full moon 8 day at 8 morn.
Last quart. 15 day at 2 aftern.
New moon 22 day at 8 morn.
First quart. 29 day at 11 night.

M	Sundays and	Moon	Moon
D	Saints Days, &c.	South.	fets.
1	Lammas Day	6 A 5	11 A 23
2	D 7 Sund. aft. Trin.	7 37	11 49
3		8 25	Morn.
4		9 14	0 22
5		10 4	1 3
6	Transfiguration	10 56	1 52
7	Name of Jesus	11 47	2 53
8		Morn. D fets	
9	D 8 Sund. aft. Trin.	0 37	8 A 31
10	St. Laurence	1 25	8 53
11	Prs. Brunsw. bo.	Dog Days and Old Lamm. Day	
12	Pr. of Wales bo.	3 46	9 46
13		4 35	10 8
14		5 26	10 34
15	Assumpt. B.V.M.		
16	D 9 Sund. aft. Trin.	Fr. Fred. bo.	
17		7 18	11 48
18		8 19	Morn.
19		9 21	0 45
20		10 22	1 53
21	Pr. Will. Hen. bo	11 21	3 11
22		0 A 16	D fets
23	D 10 Sun. aft. Trin.	1 6	8 A 0
24	St. Bartholomew	1 53	8 18
25		2 38	8 35
26		3 21	8 5
27		4 4	9 1
28	St. Augustine	4 51	9 30
29	St. J. Bapt. behead.	5 36	9 53
30	D 11 Sun. aft. Trin.	6 23	10 24
31		7 12	11 1

“ Who thankful takes his Food from Nature's Hand,
“ And labours chearful all the live-long Day;
“ Who cultivates with Joy the fertile Land,
“ That makes Return his Labour to repay,

September hath XXX Days.

Full moon 6 day at 9 night.
 Last quart. 13 day at 7 night.
 New moon 20 day at 7 night.
 First quart. 28 day at 7 night.

M	Sundays and	Moon	Moon
D	Saints Days, &c.	South.	fets.
1	Giles	8 A 2	11 A 47
2	London burnt,	8 54	Morn.
3	1666, O. S.	9 45	0 45
4		10 36	1 51
5		11 25	3 0
6	12 Sun. aft. Trin.	Morn.	☾ rises
7		0 14	7 A 24
8	Nativ. B. V. M.	1 3	7 42
9		1 51	8 0
10		2 39	8 21
11		3 31	8 44
12		4 25	9 15
13	13 Sun. aft. Trin.	5 22	9 52
14	Holy Cross Day	6 20	10 44
15		7 21	11 47
16	Ember Week	8 22	Morn
17	Lambert	9 20	1 2
18		10 13	2 21
19		11 5	3 41
20	14 Sun. aft. Trin.	11 54	☾ fets
21	St. Matthew	0 A 40	6 A 49
22	K. Geo. III. crown.	1 25	7 5
23		2 8	7 22
24		2 53	7 42
25		3 38	8 5
26	St. Cyprian	4 25	8 31
27	15 Sun. aft. Trin	5 13	9 5
28		6 3	9 48
29	St. Michael	Pr Ch. Aug bo.	
30	St. Jerome	7 44	11 42

October hath XXXI Days.

Full moon 6 day at 8 morn.
 Last quart. 13 day at 2 morn.
 New moon 20 day at 10 morn.
 First quart. 28 day at 2 aftern.

M	Sundays and	Moon	Moon
D	Saints Days, &c.	South.	fets.
1	Remigius	8 A 35	Morn.
2		9 25	0 51
3		10 14	2 6
4	16 Sun. aft. Trin.	11 2	3 23
5		11 51	4 42
6	Faith	Morn.	☾ rises
7		0 40	6 A 32
8		1 33	6 56
9	St. Denys	2 27	7 24
10	Oxf. & Cam. T. be.	Old Mich. Day	
11	17 Sun. aft. Trin.	4 23	8 47
12		5 24	9 47
13	Tr. K. Edw. Conf.	6 25	10 58
14		7 23	Morn.
15		8 17	0 14
16		9 8	1 33
17	Etheldred	9 58	2 51
18	18 Sun. aft. Trin.	St. Luke	
19		11 27	5 22
20		0 A 11	☾ fets
21		0 55	5 A 52
22		1 39	6 12
23		2 25	6 37
24		3 13	7 8
25	19 Sun. aft. Trin.	K. Geo. III. Acc.	
26	K. Geo. III. procl.	Crispin	8 35
27		5 42	9 32
28	St. Simon & Jude	6 31	10 36
29		7 20	11 47
30		8 8	Morn.
31		8 55	1 1

“ With how much Pleasure he surveys his flocks !
 “ How joys to call the lowing Herds his own !
 “ With how much Caution does he shun the Rocks,
 “ Where Monster Vice exerts her Ebon Throne !

November XXX Days.

Full moon 4 day at 7 night.
 Last quart. 11 day at 10 morn.
 New moon 19 day at 3 morn.
 First quart. 27 day at 8 morn.

M	Sundays and Saints Days, &c.	Moon South.	Moon sets.
1	20 Sun. aft. Trin.	All Saints	
2	Pr. Edward born	All Souls	3 37
3		11 22	4 59
4		Morn.) rises	
5	Papists Conspir.	0 16	5 A 25
6	Term begins	Leon.	5 57
7	D. Cumberl. born	2 14	6 41
8	21 Sun. aft. Trin.	Prsoph. Au. ba	
9	Lord Mayor's Day	At Lon.	8 40
10		5 19	10 5
11	Martinmas	6 16	11 24
12		7 8	Morn.
13	Britius	7 57	0 42
14		8 43	1 58
15	22 Sun. aft. Trin.	Machutus	
16		10 8	4 22
17	Hugh Bp. Lincoln	10 52	5 34
18		11 36	6 43
19		0 A 19) sets
20	Edm. K. & M.	1 6	5 A 6
21		1 54	5 41
22	23 Sun. aft. Trin.	Old Mart. Day	
23	St. Clement	3 34	7 19
24		4 22	8 21
25	D. Glouc. born	5 10	9 27
26		5 55	10 38
27		6 43	11 51
28	Term ends	7 29	Morn.
29	D. Advent Sunday	8 14	1 6
30	St. Andrew	9 2	2 24

December XXXI Days.

Full moon 4 day at 5 morn.
 Last quart. 10 day at 10 night.
 New moon 18 day at 10 night.
 First quart. 26 day at 11 night.

M	Sundays and Saints Days, &c.	Moon South.	Moon sets.
1		9 A 52	3 M 46
2		10 48	5 10
3		11 46	6 37
4		Morn.) rises
5		0 50	5 A 13
6	2 Sund. in Advent	Nicholas	
7		2 58	7 36
8	Conc. B. V. M.	3 59	8 59
9		4 55	10 20
10		5 45	11 37
11		6 32	Morn.
12		7 17	0 52
13	3 Sund. in Advent	Lucy	2 5
14		8 41	3 14
15		9 24	4 22
16	Ember Week	Camb. T. ends	
17	Oxf. Term ends	10 54	6 39
18		11 41) sets
19		0 A 29	4 A 12
20	4 Sund. in Advent	1 19	5 1
21	St. Thomas	Shortest Day	
22		2 55	7 6
23		3 41	8 13
24		4 27	9 24
25	Christmas Day	5 12	10 37
26	St. Stephen	5 55	11 51
27	1 Sun. aft. Christ.	St. John Evans	
28	Holy Innocents	7 28	1 M 8
29		8 18	2 27
30		9 12	3 50
31	Silvester	10 12	5 16

“ High tow’ring Elms surround his lonely Seat ;
 “ And well defend it from tempestuous Wind ;
 “ Salubrious Herbs give Relish to his Meat,
 “ Which leaves the Sweets of Temperance behind.”

Of the FOUR QUARTERS of the YEAR 1778.

THE SPRING QUARTER begins on the 20th Day of March, at 10 Minutes past Noon.

The SUMMER QUARTER begins June the 21st, 26 Minutes past 10 in the Morning.

The AUTUMNAL QUARTER begins September the 22d, 46 Minutes past 11 at Night.

The WINTER QUARTER begins December the 21st, 5 Minutes past 4 in the Afternoon.

Of the ECLIPSES this YEAR, 1778.

THIS Year will produce Three Eclipses, two of the Sun, and one of the Moon, which will happen in the following Order :

The first Eclipse will be of the Sun, and will happen on Wednesday the 24th Day of June, in the Afternoon ; it will be visible in our Isle of Great Britain, according to the following Calculation for the Latitude and Meridian of London.

	h.	m.	s.	
Beginning of the Eclipse	3	40	37	June the 24th
Middle	4	35	40	in the
End of the Eclipse	5	26	37	Afternoon.
Duration	1	46	0	
Digits Eclipsed	6°	11'		On the Sun's southern Limb.

. Of

Of the ECLIPSES this YEAR, 1778.

The second will be a partial Eclipse of the Moon, and will happen on Friday the 4th Day of December, in the Morning; and will be visible in our Island of Great Britain, according to the following Calculation:

	London.	York.	Edinbur.	
	h. m. s.	h. m. s.	h. m. s.	
Begins	4 24 26	4 19 59	4 11 13	Dec. 4th, in the Morning.
Middle	5 57 46	5 33 19	5 24 33	
Ends	6 51 6	6 46 39	6 37 53	
Duration	2 26 40	2 26 40	2 26 40	On the Moon's northern Limb.
Digits Eclipsed	6° 12'	6° 12'	6° 12'	

The third and last will be an Eclipse of the Sun, and will happen on Friday the 18th Day of December, near 10 o'Clock at Night: therefore invisible to all the Inhabitants of these Parts of the Globe.

A TABLE

**A TABLE of the KINGS and QUEENS of England
since the Conquest.**

Kings and Queens.	Born A. D.	Began their Reign.	Reigned Y. M. D.	Age.	Rem. Deaths and Dethron.	Where buried.
Will. Conq.	1027	1066 Oct. 14	20 10 26	60	Buried by leap.	Caen, Norm.
Will. Rufus	1057	1087 Sept. 9	12 10 24	43	Slain acci- dentally.	Winchester
Henry I	1058	1100 Aug. 2	35 3 30	77		Reading
Stephen	1105	1135 Dec. 1	18 10 24	49		Feverham
Henry II	1134	1154 Oct. 25	34 8 12	55		Fonteveraud
Richard I	1156	1189 July 6	9 9 0	43	Slain with an Arrow.	Fonteveraud
John	1166	1199 April 6	17 6 11	50		Worcester
Henry III	1207	1216 Oct. 19	56 0 28	65		Westminster
Edward I	1239	1272 Nov. 16	34 7 21	67		Westminster
Edward II	1284	1307 July 7	19 6 18	43		Gloucester
Edward III	1312	1327 Jan. 25	50 4 27	65		Westminster
Richard II	1366	1377 June 21	22 3 8	33	Dep. & Mur.	Westminster
Henry IV	1367	1399 Sept. 29	13 5 20	46		Canterbury
Henry V	1389	1413 Mar. 20	9 5 11	33		Westminster
Henry VI	1421	1422 Aug. 31	38 6 4	49	Dep. & Mur.	Windfor
Edward IV	1442	1461 Mar. 4	22 1 5	41		Windfor
Edward V	1471	1483 April 9	0 2 13	12	Murdered	Not known
Richard III	1443	1483 June 22	2 2 0	42	Slain in Batt.	Leicester
Henry VII	1457	1485 Aug. 22	23 8 0	52		Westminster
Henry VIII	1492	1509 April 22	37 9 6	55		Windfor
Edward VI	1537	1547 Jan. 28	6 5 8	15		Westminster
Mary I	1516	1553 July 6	5 4 11	42	Died of Grief	Westminster
Elizabeth	1533	1558 Nov. 17	44 4 7	69		Westminster
James I	1566	1603 Mar. 24	22 0 3	58		Westminster
Charles I	1600	1625 Mar. 27	23 10 3	48	Murdered by Villains.	Windfor
Charles II	1630	1649 Jan. 30	36 0 7	54	Abdicated.	Westminster
James II	1633	1685 Feb. 6	4 0 7	67		St. Germain
Mary II	1662	1689 Feb. 13	5 10 15	32		Westminster
William III	1650	1689 Feb. 13	13 0 23	52	Killed by a Fall from his Horse.	Westminster
Anne	1665	1702 Mar. 8	12 4 24	49		Westminster
George I	1660	1714 Aug. 1	12 10 10	67		Hanover
George II	1683	1727 June 11	33 4 13	77		Westminster
George III	1738	1760 Oct. 25	Whom God preserve.			

The Presidents of the several Hospitals of LONDON.

Robert Alsop, Esq;	} President of	Christ Church Hospital.
Hon. Thomas Harley,		St. Bartholomew's Hosp.
Sir Walter Rawlinson, Kt		Bethlem and Bridewell.
Samuel Plumb, Esq;		St. Thomas's Hospital.

A brief

A brief Chronology of memorable Things to the present Year 1778.

SINCE the vast Fabrick of the World was founded	5828
Since <i>Noah's</i> Flood by which the World was drowned	4170
Since Fire and Brimstone <i>Sodom</i> did destroy	3070
Since the Destruction of renowned <i>Troy</i>	2960
Since ancient <i>London</i> was by <i>Lud</i> erected	2885
Since <i>York's</i> first Plat and Building was effected	2767
Since <i>Canterbury's</i> Basis first was laid	2670
Since <i>Rome's</i> first Wings o'er seven <i>Hills</i> were spread	2530
Since <i>Jesus Christ</i> at <i>Bethlehem</i> was born	1778
Since crucify'd with Cruelty and Scorn	1745
Since <i>England</i> first the <i>Christian Faith</i> receiv'd	1698
Since <i>London's</i> Tower was built (as 'tis believ'd)	1213
Since <i>England's</i> Conqueror this Nation won	712
Since to be built <i>Westminster Hall</i> begun	688
Since <i>London-bridge</i> was finished with Stones	569
Since the Invention of destructive <i>Guns</i>	400
Since the first Use of <i>Printing</i> was inspired	319
Since <i>St. Paul's</i> Steeple was by Lightning fired	217
Since that vile Project <i>Guido Vaux's</i> Plot	217
Since th' <i>Irish Massacre</i> , not yet forgot	172
Since noble <i>Strafford</i> on the Scaffold fell	137
Since <i>Edge-Hill</i> Fight, whereof loud Fame doth tell	136
Since ' <i>heapside</i> Cross was by the <i>Saints</i> pull'd down	135
Since <i>Moses' Tables</i> were of mean Renown	135
Since <i>Newbury</i> Fight with Crimson dy'd the Field	135
Since pious <i>Laud</i> to Martyrdom did yield	134
Since good King <i>Charles</i> resign'd his Royal Head	129
Since Virtue, Truth, and Justice all lay dead	129
Since <i>George Fox</i> first began the <i>Quakers</i> Sect	128
Since <i>Nol</i> usurp'd the Power to protect	124
Since Death and Vengeance did for <i>Cromwell</i> call	120
Since <i>Dick</i> his Son did from his Greatness fall	119
Since <i>Charles</i> the Second to <i>Whiteball</i> return'd	118
Since good Men for't rejoic'd, and Rebels mourn'd	118
Since Rebels were at <i>Charing Cross</i> dissected	118
Since <i>London</i> was with the great Plague infected	113
Since <i>London's</i> dreadful Fire in <i>September</i>	112
Since the great blazing Comet in <i>December</i>	111
Since the vile Plot at <i>Rye House</i> was detected	95
Since Booths and Stalls were on the <i>Thames</i> erected	94
Since the fam'd Oate for Perjury was stripp'd	} 93
Of's Priestly Habit, and through <i>London</i> whipp'd	
Since <i>James</i> the Second did the Throne ascend	92
Since he to <i>Monmouth's</i> Treason put an End	92

Since

A brief Chronology of memorable Things.

Since the Seven Bishops to the <i>Tower</i> were sent	90
Since the Lord <i>Jefferies</i> thither also went	90
Since the Prince of <i>Orange</i> landed at <i>Torbay</i>	90
Since late King <i>James</i> to <i>France</i> did make his Way	90
Since <i>William</i> and <i>Mary</i> at <i>Westminster</i> were crown'd	89
Since War with <i>France</i> the Trumpet loud did sound	89
Since such vast Numbers at the <i>Boyne</i> were slain	88
Since <i>French</i> and <i>Irish</i> Gore did <i>Agbrim</i> stain	87
Since <i>Mary</i> our Queen pale Death did surround	84
Since he gave <i>Gloc'ster's</i> Duke a mortal Wound	78
Since Great Queen <i>Anne</i> unto the Throne ascended	76
Since War proclaimed with <i>France</i> which now is ended	76
Since the late high Wind in the Month <i>November</i>	75
Since <i>Blenheim</i> Fight, which well the <i>French</i> remember	74
Since <i>EMES</i> the Prophet was in his Grave interr'd	71
Since his sham Resurrection plain appear'd	70
Since the <i>Two</i> Kingdoms did in <i>One</i> unite	70
Since fatal Death depriv'd Prince <i>George</i> of Sight	70
Since that fam'd Priest <i>Sacheverel</i> was try'd	68
Since that great Surgeon Serjeant <i>Barnard</i> dy'd	68
Since <i>Ormond's</i> Duke our General became	66
Since <i>France</i> gave <i>Dunkirk</i> to <i>Anne</i> our Royal Dame	66
Since <i>Hamilton's</i> Duke in Duel lost his Life	66
Since <i>ANNA's</i> Death renew'd our factious Strife	64
Since <i>Perkin</i> did the <i>Scottish</i> Realm accost	63
Since Traitors Hopes in <i>Preston</i> Fight were lost	63
Since haughty <i>Spain</i> <i>Gibraltar</i> did blockade	51
Since at <i>Seville</i> a sham peace was made	49
Since <i>Spain</i> revok'd the Peace of <i>Seville</i>	47
Since <i>Germans</i> , <i>Dutch</i> , and <i>Britons</i> did agree	47
Since <i>Spain</i> in the <i>Vienna</i> Treaty join'd	47
Since our broad Gold was into <i>Guineas</i> coin'd	45
Since we with <i>Spain</i> an open War proclaim'd	39
Since <i>Porto Bell'</i> was taken and unfram'd	39
Since the great Frost that starv'd both Beast and Men	39
Since <i>British</i> Valour shone at <i>Dettingen</i>	35
Since <i>Perkin</i> junior this our Realm annoy'd	33
Since brave Duke <i>William</i> this rash Scheme destroy'd	32
Since Peace proclaimed with <i>France</i> and haughty <i>Spain</i>	29
Since Trade reviv'd and flourish'd again	29
Since <i>GEORGE</i> the Second's glorious Reign was ended	18
Since <i>GEORGE</i> the Third the <i>British</i> Throne ascended	18
Since <i>GEORGE</i> the Third made bloody Wars to cease	} 15
All o'er the Globe, and made a glorious PEACE.	

A TABLE of the LORD MAYORS and SHERIFFS of London, from the Revolution to the Year 1778.

1688	SIR John Shorter	(Sir Basil Firebrass, Sir John Parsons
1688	Sir John Eyles	No Freeman of London
1688	Sir John Chapman	Sir Humphry Edwin, Sir John Fleet
1690	Sir T. Pilkington	Thrift. Letbulier, Esq; Sir John Houblon
1691	Sir T. Pilkington	Sir Edward Clark, Sir Francis Child
1692	Sir Thomas Stamp	William Ashurst, Richard Levett, Esqrs.
1693	Sir John Fleet	Sir Thomas Lane, Sir Thomas Cook
1694	Sir William Ashurst	Sir Thomas Abney, Sir William Hedges
1695	Sir Thomas Lane	Sir John Sweetapple, Sir William Cole
1696	Sir John Houblon	Sir Edward Wills, Sir Owen Buckingham
1697	Sir Edward Clark	Sir John Wolf, Samuel Blewitt, Esq.
1698	Sir Humphry Edwin	Sir Barth. Gracedieu, James Collet, Esq.
1699	Sir Francis Child	Sir William Gore, Sir Joseph Smart
1700	Sir Richard Levett	Sir Charles Duncomb, Sir Jeffery Jefferies
1701	Sir Thomas Abney	Sir Robert Beachcroft, Sir Henry Farness
1702	Sir William Gore	Sir W. Withers, Sir P. Floyer, Sir J. Bateman
1703	Sir Samuel Dashwood	Sir Robert Bedingfield, Sir Samuel Garrard
1704	Sir John Parsons	Sir Gilbert Heathcote, Sir Joseph Wolfe
1705	Sir O. Buckingham	Sir John Buckworth, Sir W. Humphrys
1706	Sir T. Rawlinson	Sir Charles Thorold, Sir Samuel Stanier
1707	Sir R. Bedingfield	Sir William Benson, Sir Ambrose Crawley
1708	Sir Will. Withers	Sir Benjamin Green, Sir Charles Peers
1709	Sir Cha. Duncombe	Charles Hopson, Esq; Sir Richard Guy
1710	Sir Samuel Garrard	Sir Richard Hoare, Robert Dunk, Esq.
1711	Sir Gilbert Heathcote	Sir George Thorold, Francis Eyles, Esq.
1712	Sir Robert Beachcroft	Sir John Cass, Sir William Stewart
1713	Sir Richard Hoare	Sir William Lewen, Sir Samuel Clarke
1714	Sir Samuel Stanier	Sir Francis Forbes, Sir Joseph Sharp
1715	Sir William Humphrys	Sir Robert Breder, Sir Randolph Knipe
1716	Sir Charles Peers	Sir John Ward, Sir John Fryer
1717	Sir James Bateman	Sir Gerrard Conyers, Charles Cook, Esq.
1718	Sir William Lewen	Sir Peter Delme, Sir Harcourt Masters
1719	Sir John Ward	Sir John Bull, Thomas Ambrose, Esq.
1720	Sir George Thorold	Sir John Eyles, Bart. Sir John Tass
1721	Sir John Fryer	Sir George Caswell, William Billers, Esq.
1722	Sir William Stewart	Sir George Mertins, Edward Becher, Esq.
1723	Sir Ger. Conyers	Humphry Parsons, Francis Child, Esqrs.
1724	Sir Peter Delme	Sir R. Hopkins, F. Feast, E. Bellamy, Esqrs.
1725	Sir George Mertins	Sir Joseph Eyles, Robert Baylis, Esq.
1726	Sir Francis Forbes	E. Porteen, J. Murden, J. Thompson, Esqrs.
1727	Sir John Eyles, Bt.	Sir John Lock, Sir William Ogborne
1728	Sir Edward Becher	Sir John Grosvenor, Sir Thomas Lombe
1729	Sir Robert Baylis	Richard Brocas, Richard Levett, Esqrs.
1730	Sir Richard Brocas	J. Barber, Esq; Sir John Williams
1731	Humph. Parsons, Esq	John Fuller, Esq; Sir Isaac Sbard
1732	Sir Francis Child	Samuel Russell, Thomas Pindar, Esqrs.
1733	John Barber, Esq.	Sir Henry Hankey, Robert Alsop, Esq.
1734	Sir William Billers	Robert Westley, Daniel Lambert, Esqrs.

A List of Lord Mayors and Sheriffs, &c.

1735	Sir Edward Bellamy	Micajah Perry, Esq.	Sir John Salter
1736	Sir John Williams	Sir John Barnard, Sir John Godschall	
1737	Sir John Thompson	Sir William Rous, Benjamin Rawlin, Esq.	
1738	Sir John Barnard	Sir G. Champion, T. Russel, Esq; Sir R. Cater	
1739	Micajah Perry, Esq;	James Brook, William Westbrook, Esq.	
1740	Sir John Salter	George Heathcote, Esq. Sir J. Le Quefne	
1741	Humph. Parsons, Esq. }	Henry Marshall, Richard Hoare, Esqrs.	
1741	Sir Daniel Lambert }		
1742	Sir Robert Godschall }	Robert Willmot, William Smith, Esqrs.	
1742	Geo. Heathcote, Esq; }		
1743	Sir Robert Willmot	William Benn, Charles Eggleton, Esqrs.	
1744	Sir Robert Westley	Robert Ladbroke, William Calvert, Esqrs.	
1745	Sir Henry Marshall	Walter Barnard, Samuel Pennant, Esqrs.	
1746	Sir Richard Hoare	John Blachford, Francis Cockayne, Esqrs.	
1747	William Benn, Esq;	Thomas Winterbottom, Robert Alfop, Esqrs.	
1748	Sir Robert Ladbroke	Crisp Gascoyne, Edward Davis, Esqrs.	
1749	Sir William Calvert	Thomas Rawlinson, Edward Ironside, Esqrs.	
1750	Sir Samuel Pennant }	William Whitaker, Stephen Theodore Janssen,	
1750	John Blachford, Esq; }	Esqrs.	
1751	Francis Cockayne, Esq;	William Alexander, Robert Scott, Esqrs.	
1752	T Winterbottom, Esq }	Slingsby Bethell, Marfhe Dickenson, Esqrs.	
1752	Robert Alfop, Esq; }		
1753	Sir Crisp Gascoyne	Sir Charles Asgill, Sir Richard Glynn	
1754	Edw. Ironside, Esq; }	Thomas Chitty, Matthew Blakiston, Esqrs.	
1754	T. Rawlinson, Esq; }		
1755	Step. The. Janssen, Esq;	Sir Samuel Fluyder, Sir John Torriano	
1756	Slingsby Bethell, Esq;	William Beckford, Ive Whitbread, Esqrs.	
1757	Marfhe Dickenson, Esq;	William Bridgen, William Stephenfon, Esqrs.	
1758	Sir Charles Asgill	George Nelson, Francis Gosling, Esqrs.	
1759	Sir Richard Glynn	George Dandridge, Alexander Masters, Esqrs.	
1760	Sir Thomas Chitty	George Errington, Paul Vaillant, Esqrs.	
1761	Sir Matthew Blakiston	Sir Robert Kite, Sir William Hart	
1762	Sir Sam. Fluyder, Bart.	Sir Nathaniel Nash, Sir John Cartwright	
1763	William Beckford, Esq;	Sir Thomas Challener, Sir Henry Banks	
1764	William Bridgen, Esq;	Hon. Thomas Harley, Richard Blunt, Esq;	
1765	Sir William Stephenfon	Brass Crosby, Esq; Sir Thomas Harris	
1766	George Nelson, Esq;	B. Kennel, B. Charlwood, R. Trecothick, Esqrs	
1767	Sir Robert Kite	Sir Robert Darling, Sir James Esdaile	
1768	Hon. Thomas Harley	Richard Peers, William Nash, Esqrs.	
1769	Samuel Turner, Esq;	Thomas Halifax, John Shakespear, Esqrs.	
1770	Wm. Beckford, Esq; }	James Townsend, John Sawbridge, Esqrs.	
1770	Bar. Trecothick, Esq; }		
1771	Brass Crosby, Esq;	William Baker, Joseph Martin, Esqrs.	
1772	William Nash, Esq;	John Wilkes, Frederick Bull, Esqrs.	
1773	James Townsend, Esq;	Richard Oliver, Esq. Sir Wakin Lewes	
1774	Frederick Bull, Esq;	Stephen Sayre, William Lee, Esqrs.	
1775	John Wilkes, Esq;	William Plomer, John Hart, Esqrs.	
1776	John Sawbridge, Esq;	George Hayley, Nathaniel Newnham, Esqrs.	
1777	Sir Thomas Halifax	Samuel Plumbe, Nathaniel Thomas, Esqrs.	
1778	Sir James Esdaile	Robert Peckham, Richard Clarke, Esqrs.	

**A CATALOGUE of the Most Reverend, Right Reverend
and Reverend, the Archbishops, Bishops and Deans,
exercising Ecclesiastical Jurisdiction in England, 1778.**

<i>Archbishops.</i>	<i>Deans Names.</i>	<i>Sees Names.</i>
H. Dr. Fr. Cornwallis	H. J. Cornwallis, LL.D	Canterbury
H. Dr. W. Markham	Dr. John Fountayne	York
<i>Bishops.</i>		
Dr. Robert Lowth	Dr. Thomas Newton	London
Hon. Dr. John Egerton	Hon. Wm. Digby	Durham
Dr. John Thomas	Dr. Newton Ogle	Winchester
Lord James Beauleik	Dr. Nat. Wetherell	Hereford
Dr. Edmund Keene	Dr. Hugh Thomas	Ely
Sir Wm. Ashburnham	Dr. Charles Harward	Chichester
Dr. John Hume	Dr. Thomas Green	Salisbury
Dr. Philip Yonge	Dr. Philip Lloyd	Norwich
Dr. Wm. Warburton	Dr. Josiah Tucker	Gloucester
Dr. John Green	Hon. Dr. James Yorke	Lipcoln
Dr. Thomas Newton	Dr. Cutts Barton	Bristol
Hon. Dr. Fred. Keppel	Dr. Jeremiah Mills	Exeter
Dr. Charles Mofs	Lord Fran. Seymour	Bath and Wells
Dr. Jonathan Shipley	Mr. Shipley	St. Asaph
Dr. Edmund Law	Dr. Thomas Wilfon	Carlisle
Hon. Dr. S. Barrington	Dr. Adams	Landaff
Dr. John Hincheliffe	Dr. Tarrant, Archdea.	Peterborough
Hon. D. Brownl. North		Worcester
Hon. Dr. James Yorke	— Prec.	St. David's
Dr. John Thomas	Rev Thos. Thurlow	Rocheſter
Dr. Richard Hurd	Dr. Preby	Litchfield and Coventry
Dr. John Moore	Dr. Thomas Lloyd	Bangor
Dr. Porteus	Dr. William Smith	Cheſter
Dr. Butler	Dr. Bagot	Oxford
	Dr. John Thomas	Westminſter
Dr. Rich. Richmond		Sodor and Man
	Dr. Frederick Keppel	Windſor

The Names of the Learned Judges in the Law.

I. The Rt. Hon. Hen. Earl Bathurst, Lord High Chancellor of Gr. Britain.
Right Hon. Sir Thomas Sewell, Knt. Master of the Rolls.

II. In the { Rt. Hon. W. Earl of Mansfield, L. C. J. Sir Richard Aston, Knt.
K. Bench. { Edward Willes, Esq; Sir William Henry Ashurst, Knt.

III. In the { Rt. Hon. Sir Wm. De Grey, Knt. L. C. J. Sir H. Gould, Knt.
Co. P. eas. { Sir William Blackstone, Knt. Sir Geo. Nares, Knt.

IV. In the { Sir S. Stafford Smythe, Knt. L. C. B. Sir James Eyre, Knt.
Exchequer { Sir Beaumont Hotham, Knt. Sir Richard Perrin, Knt.

Edw. Thurloe, Esq; Attor. Gen. Alex. Wedderburn, Esq; Solic. Gen.

The Names of the Aldermen of LONDON, and the Places of their Habitations, with the Wards under their Jurisdiction.

*Those marked thus * have passed the Chair.*

*Rob. Alfop, Esq; Great Malbro'-str.	Bridge Ward without
*William Bridgen, Esq; Forty-hill	Farringdon within
*Rt. Hon. Tho. Harley, Aldersgate-st.	Portoken Ward
*Bras Crosby, Esq; Surry-street	Bread-street Ward
*James Townshend, Esq; Austin Friars	Bishopsgate Ward
*Fred. Bull, Esq; King-str. Cheapside	Queenhithe Ward
*John Wilkes, Esq; Princes-court	Farringdon without
*J. Sawbridge, Esq; N. Burlington-st	Langbourn Ward
*Sir Thomas Halifax, Birchin-lane	Aldersgate Ward
John Glynn, Esq; Recorder	
Sir James Esdaile, Bunhill-row	Cripplegate Ward
Samuel Plumb, Esq; Foster-lane	Castle Baynard Ward
Brackley Kennet, Esq; Pall-mall	Cornhill Ward
John Kirkman, Esq; College-hill	Cheap Ward
Richard Oliver, Esq; Fenchurch-street	Billingsgate Ward
Sir Watkin Lewis, Knt. Cecil street	Lime-street Ward
William Plomer, Esq; at Aldgate	Bassishaw Ward
Nathaniel Thomas, Esq; Bridge street	Walbrook Ward
Robert Peckham, Esq; Austin Friars	Coleman-street Ward
George Hayley, Esq; Great Ayliff-str.	Cordwainers Ward
Nath. Newnham, Esq; Botolph-lane	Vintry Ward
William Lee, Esq; Great Tower-street	Aldgate Ward
Richard Clarke, Esq;	Broad-street Ward
Thomas Woodrudge, Esq;	Bridge Ward within
John Hart, Esq; Thames-street	Dowgate Ward
Thomas Wright, Esq;	Candlewick Ward
Evan Pugh, Esq. Bishopsgate-street	Tower Ward

Robert Peckham, Esq; } Sheriffs.
Richard Clarke, Esq;

Benjamin Hopkins, Esq; Chamberlain.

Thomas Nugent, Esq; Common Serjeant.

Willizm Rix, Esq; Town Clerk.

Rates for *Hackney Coaches* and *Chairs* in *London*,
or within ten Miles thereof, by *Stat. 9. An. Reg.*

	<i>s.</i>	<i>d.</i>
For one Day of 12 Hours	10	0
For one Hour	1	6
For every Hour after the first	1	0
From any of the Inns of Court to any Part of <i>St. James's</i> ; or City of <i>Westmin.</i> except beyond <i>Tothill-st.</i>	1	0
From the Inns of Court, or thereabouts, to the <i>Royal Exc.</i>	1	0
From any of the Inns of Court to the <i>Tower</i> , <i>Aldgate</i> , <i>Bishopsgate-street</i> , or thereabouts	1	0

And it is also declared that no *Hackney Coachman* shall take for his Hire more than One Shilling for any Distance not exceeding one Mile and an Half, and Eighteen-pence for any greater Distance not exceeding two Miles.

And *Hackney Chairmen*, by the said *Act*, shall not take more than one Shilling for any Distance not exceeding one Mile, and Eighteen-pence for any Distance not exceeding a Mile and an half.

For better knowing the Distances between the most noted Places in the *City* and *Suburbs*, the *Commissioners* have caused the same to be measured, *viz.*

One Shilling Rates for *Hackney Coaches*, for Distances not exceeding one Mile and an Half, *viz.*

From *Westminster-hall* to *Marlborough-street*
Westminster-hall to *Albemarle-street*.
Westminster-hall to *Bolton-street*
Westminster-hall to *Bloomsbury-square*
Westminster-hall to *Soho-square*
Westminster-hall to *Little Queen-street*, *Holborn*
St. James's-gate, to *Queen Anne's-square*, *Westminster*
St. James's-gate to the nearest Corner of *Red-lion-square*
Golden-square to *Red-lion-square*
Haymarket Playhouse to *Red-lion-square*
Haymarket Playhouse to *Thavies-inn*
Haymarket Playhouse to *Bloomsbury-square*
Guildhall to *Red-lion-square*
Upper End of Fetter-lane, *Holborn*, to *Aldgate*
Royal Exchange to *Mile-end Turnpike*

Royal

Rates for Hackney Coaches, &c.

Royal Exchange to Hoxton-square
 Newgate *to the Middle of* Greek-street, *near* Soho-square
 Bridge-foot, Southw. *to* Sir W. Walworth's-head, Walworth
 Gray's-inn-gate *to* Sadler's-wells, *by* Islington
 Covent-garden *to* Clerkenwell Church
 Temple-bar *to* Billingsgate
 Aldgate *to* Shadwell Church

Eighteen-pence Rates for *Hackney Coaches*, for Distances not exceeding two Miles.

Drury-lane Playhouse *to* Queen's-square, Westminster
 Westminster-hall *to* St. Paul's Church
 Westminster-hall *to* Queen's-square, Red-lion-fields
 St. James's-gate *to* Hatton-garden
 New Exchange *in the Strand to the* Royal Exchange
 From the Haymarket Playhouse *to* Hatton-garden
 Westminster-hall *to* Red-lion-square
 St. James's *to* Marybone Church
 The Royal Exchange *to* Bloomsbury-square
 The Royal Exchange *to the Watch-house,* Mile-end
 The Outside of Aldgate *to* Stepney Church
 Bedford-street, Covent-garden, *to* Coleman-street
 Bread-street *to* Hoxton-square
 Middle of Broad-street *to* Hart-street, Bloomsbury-market
 St. Martin's-lane, *in the Strand, to* Gold-street, *by* Wood-st.
 Middle of Gracechurch-street *to* Somerset-house
 Guildhall *to* Brownlow-street, *in* Drury-lane
 The Royal Exchange *to* Newington Church, Surry
 Covent-garden *to the* Royal Exchange
 Stocks-market *to* Charing-cross
 Aldgate *to* Ratcliff-cross

One Shilling Rates for *Hackney Chairs*, for Dis- tances not exceeding one Mile.

From Westminster-hall *to* Covent-garden
 Westminster-hall *to* Exeter Change
 St. James's-gate *through the Park to* Westminster-hall
 Haymarket Playhouse *to the Entrance of* Lincoln's-inn-fields
 Haymarket Playhouse *to* Bolton-street
 St. James's-gate *to* Somerset-house
 Somerset-house *to the Upper End of* Hatton-garden

Rates of Watermen, &c.

Haymarket Playhouse to Essex-street

Haymarket Playhouse to Soho-square

The nearest Corner of Golden-square to Drury-lane Playhouse.

Note, That Hackney Chairmen are obliged to go the same Distances for 1s 6d which the Coaches perform for 1s.

And if any Hackney Coachman or Chairman shall refuse to go at, or exact more for Hire than the Rates hereby limited, he shall, for every such Offence, forfeit 40s.

Note, The Mile, according to Statute, Hen. 7, is 8 Furlongs, or 5280 Feet. Then if the step or Pace of a Man, in walking, be 5 Feet, 1056 such Paces will be an exact Mile.

Rates of Watermen, as they are set forth by the Lord Mayor and Aldermen of London.

	Oars	Sculs
	s. d. s. d.	s. d. s. d.
From London-bridge to Limehouse, New-crane, Shadwell-dock, Bell-wharf, Ratcliff-crofs ———	1	00 6
To Wapping-dock, Wapping New & Old Stairs, the Hermitage, Rotherhithe Church Stairs ———	0	60 3
From St. Olave's to Rotherhithe Church Stairs, and Rotherhithe Stairs ———	0	60 3
From Billingsg. St Olave's, to St Saviour's Mill	0	60 3
Any Stairs between London-bridge & Westm.	0	60 3
From either Side above London-bridge to Lambeth and Vauxhall ———	1	00 6
From Whitehall to Lambeth and Vauxhall —	0	60 3
From Temple, Dorset, and Black-friars Stairs, or Paul's-wharf, to Lambeth ———	0	80 4
Over the Water directly between Vauxhall and Limehouse ———	0	40 2

The Rates of Oars.

Down the River.

	Whole Com.
	Fare. pany.
	s. d. s. d.
From London to { Gravesend ———	4 60 4
{ Grays or Greenhithe ———	4 00 4
{ Purfleet or Erith ———	3 00 3
{ Woolwich ———	2 60 3
{ Blackwall ———	2 00 3
{ Greenwich, Deptford ———	1 60 3

Rates of Watermen, &c.

Up the River.

	Whole Fare.		Company.	
	s.	d.	s.	d.
Chelsea, Battersea, Wandsworth	1	6	0	3
Putney, Fulham, Barn-Elms	2	0	0	4
Hammersmith, Chiswick, Mortlake	2	6	0	6
Brentford, Isleworth, Richmond	2	6	0	6
Twickenham	4	0	0	9
Kingston	5	0	1	0
Hampton-Court	6	0	1	0
Hampton-Town, Sunbury, and Walton	7	0	1	0
Weybridge, Chertsey	10	0	1	0
Staines	12	0	1	0
Windfor	14	0	1	4

Rates for carrying of Goods in the Tilt-boat between Gravesend and London.

A half Firkin	0	1
Whole Firkin	0	2
Doghead	2	0
One Hundred Weight of Cheese, Iron, or heavy Goods	0	4
Sack of Salt, Corn, a Chest, Trunk, or Hamper	0	6
Every single Person in the ordinary Passage	0	6
The Hire of the Whole Tilt-boat	12	6

What Waterman takes and demands more than these Rates, is liable to pay 40s. and suffer half a Year's Imprisonment.

Directions for passing and repassing on the Water about London.

Observe, That below Bridge the Water ebbs seven Hours and flows five.

Above Bridge it ebbs eight Hours, and flows four, according to the Watermen's Observation; who, in their Conversation, use these Terms:

If the Water is at lowest, then it is called *Low-water*; rising, then *Young* or *Old Flood*; when it is at highest, and begins to fall, *Ebb Water*.

High-water is the Time at *Billinggate* for all Passengers that are bound for *Gravesend*, *Tilbury*, *Grays*, &c.

If to *Woolwich*, *Blackwall*, *Greenwich*, &c. any Time alone, two, or three Hours after High-water.

A TABLE for finding the hourly Motion of the Moon, and thereby her true Place at any Time of the Day.

Ho.	11 46 d. m.	11 56 d. m.	12 6 d. m.	12 16 d. m.	12 26 d. m.	12 36 d. m.	12 46 d. m.	12 56 d. m.	13 6 d. m.	13 16 d. m.	13 26 d. m.
1	0 29	0 30	0 30	0 30	0 31	0 31	0 32	0 32	0 33	0 33	0 34
2	0 59	1 0	1 0	1 1	1 2	1 3	1 4	1 5	1 5	1 6	1 7
3	1 28	1 30	1 31	1 32	1 33	1 35	1 36	1 37	1 38	1 39	1 41
4	1 58	1 59	2 1	2 3	2 4	2 6	2 8	2 9	2 11	2 13	2 14
5	2 27	2 29	2 31	2 34	2 35	2 37	2 40	2 42	2 44	2 46	2 48
6	2 57	2 59	3 1	3 4	3 6	3 09	3 11	3 14	3 16	3 19	3 21
7	3 26	3 29	3 32	3 35	3 38	3 40	3 43	3 46	3 49	3 52	3 55
8	3 55	3 59	4 2	4 6	4 9	4 12	4 15	4 19	4 22	4 25	4 29
9	4 25	4 28	4 32	4 36	4 40	4 43	4 47	4 51	4 55	4 58	5 2
10	4 54	4 58	5 3	5 7	5 11	5 15	5 19	5 23	5 27	5 32	5 36
11	5 24	5 28	5 33	5 37	5 42	5 46	5 51	5 56	6 0	6 5	6 9
12	5 53	5 58	6 3	6 8	6 13	6 18	6 23	6 28	6 33	6 38	6 43
13	6 22	6 28	6 33	6 39	6 44	6 49	6 55	7 0	7 6	7 11	7 17
14	6 52	6 58	7 3	7 9	7 15	7 21	7 27	7 33	7 38	7 44	7 50
15	7 21	7 28	7 34	7 40	7 46	7 52	7 59	8 5	8 11	8 17	8 24
16	7 51	7 57	8 4	8 11	8 17	8 24	8 31	8 37	8 44	8 51	8 57
17	8 20	8 27	8 34	8 41	8 48	8 55	9 3	9 10	9 17	9 24	9 31
18	8 49	8 57	9 4	9 12	9 19	9 27	9 34	9 42	9 49	9 57	10 4
19	9 19	9 27	9 35	9 43	9 51	9 58	10 6	10 14	10 22	10 30	10 38
20	9 48	9 57	10 5	10 13	10 22	10 30	10 38	10 47	10 55	11 3	11 12
21	10 18	10 27	10 35	10 44	10 53	11 1	11 10	11 19	11 27	11 36	11 45
22	10 47	10 57	11 6	11 15	11 24	11 33	11 42	11 51	12 0	12 10	12 19
23	11 17	11 26	11 36	11 45	11 55	12 4	12 14	12 24	12 33	12 43	12 52
24	11 46	11 56	12 6	12 16	12 26	12 36	12 46	12 56	13 6	13 16	13 26

The Use of this TABLE is to find (by an *Ephemeris*) the true Place of the Moon at any particular Time of the Day. But first you must know, that all Astronomers begin the Day at Noon, and count 24 Hours to the Day; so that beginning one Day at Noon, the same ends the next Day at Noon; therefore 1 in the Afternoon is the first Hour of the Day, and 13 Hours after Noon is the next Day 1 in the Morning. Now in the following *Ephemeris*, the Moon's Place in the 3d Column in every Month is exactly calculated to the Meridian of *London*; and, to know her daily Motion, you must subtract the Place of the Moon one Day, from her Place the following Day, by adding 30 degrees

A T A B L E for finding the hourly Motion of the Moon,
and thereby her true Place at any Time of the Day.

I	13 30	13 40	13 50	14 6	14 10	14 20	14 30	14 40	14 50	15 0	15 10
d. m.	d. m.	d. m.	d. m.	d. m.	d. m.	d. m.	d. m.	d. m.	d. m.	d. m.	d. m.
1	0 34	0 34	0 35	0 35	0 36	0 36	0 36	0 37	0 37	0 38	0 38
2	1 8	1 9	1 10	1 10	1 11	1 12	1 13	1 14	1 15	1 15	1 16
3	1 42	1 43	1 44	1 46	1 47	1 48	1 49	1 51	1 52	1 53	1 54
4	2 16	2 18	2 19	2 21	2 23	2 24	2 26	2 28	2 29	2 31	2 33
5	2 50	2 52	2 54	2 56	2 58	3 0	3 3	3 5	3 7	3 9	3 11
6	3 24	3 26	3 29	3 31	3 34	3 36	3 39	3 41	3 44	3 46	3 49
7	3 58	4 1	4 4	4 7	4 10	4 12	4 15	4 18	4 22	4 24	4 27
8	4 32	4 35	4 39	4 42	4 46	4 49	4 52	4 55	4 59	5 2	5 5
9	5 6	5 10	5 13	5 17	5 21	5 25	5 28	5 32	5 36	5 40	5 43
10	5 40	5 44	5 48	5 52	5 57	6 1	6 5	6 9	6 13	6 17	6 22
11	6 14	6 19	6 23	6 28	6 32	6 37	6 41	6 46	6 51	6 55	7 0
12	6 48	6 53	6 58	7 3	7 8	7 13	7 18	7 23	7 28	7 33	7 38
13	7 22	7 27	7 33	7 38	7 44	7 49	7 54	8 0	8 5	8 11	8 16
14	7 56	8 2	8 8	8 13	8 19	8 25	8 31	8 37	8 43	8 48	8 54
15	8 30	8 36	8 42	8 49	8 55	9 1	9 7	9 14	9 20	9 26	9 32
16	9 4	9 11	9 17	9 24	9 30	9 37	9 44	9 51	9 57	10 4	10 11
17	9 38	9 45	9 52	9 59	10 6	10 13	10 20	10 28	10 35	10 42	10 49
18	10 12	10 19	10 27	10 34	10 42	10 49	10 57	11 4	11 12	11 19	11 27
19	10 46	10 54	11 02	11 10	11 18	11 26	11 34	11 41	11 49	11 57	12 5
20	11 20	11 28	11 37	11 45	11 53	12 2	12 10	12 18	12 27	12 35	12 43
21	11 54	12 3	12 11	12 20	12 29	12 38	12 46	12 55	13 4	13 13	13 21
22	12 28	12 37	12 46	12 55	13 5	13 14	13 23	13 33	13 41	13 50	14 0
23	13 2	13 12	13 21	13 31	13 40	13 50	13 59	14 0	14 18	14 28	14 38
24	13 36	13 46	13 56	14 6	14 16	14 26	14 36	14 46	14 56	15 6	15 16

degrees (if Need require it); for so many Degrees hath every Sign, and 60 Minutes are in every Degree; so you have the daily Motion of the Moon: Then look for the same in the Head, or the nearest Number you can find, and under it is the Motion of the Moon, agreeing to that Time.

EXAMPLE. To find the Place of the Moon on the 3d Day of January at 9 at Night: Her Place at Noon is κ $7^{\circ} 15'$, and the next Day in $20^{\circ} 41'$ of the same Sign; therefore her diurnal Motion is $13^{\circ} 26'$; then I find the nearest Number to this, viz. $13^{\circ} 26'$, in the Head of the Table; and against 9 Hours is $5^{\circ} 2'$, which being added to κ $7^{\circ} 15'$, her Place at Noon, the Sum will be κ $12^{\circ} 17'$, her Place at 9 o'Clock that Night.

Parker.

January 1778.

The Planets daily Motion Geocentrick.

The Planets Latitude and Place of \odot 's \oslash to every 6th Day.	1	2N	17	1N	0	1S.	8	0N	33	2.	6	0	4.
	7	2	18	1	2	1	5	0	18	1	43	8	4
	13	2	19	1	3	1	2	0	31	0	53	8	4
	19	2	20	1	4	0	58	0S.	13	0N	31	7	45
	25	2	21	1	5	0	55	0	27	2	16	7	26

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January, 1778.

Day	Time												Day, -fig.		Sun	Clock	
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January, 1778.

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5	6 17	6 42	□ 21				△ 4 ♀
6	7 8	7 24		△ 13	* 8	△ 18	
7	8 5	8 37		♂ 19		□ 2	
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10	11 38			* 16	△ 17		
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13	2 21	2 44					
14	3 7	3 25		□ 1	♂ 21		
15	3 43	3 59			♂ 5	♂ 0	□ ♀
16	4 16	4 34		* 7		△ 0	
17	4 52	5 9	△ 9				
⊙	5 26	5 46				□ 15	
19	6 6	6 27			* 13		
20	6 49	7 12	□ 1		△ 8	△ 0	* ♀
21	7 36	8 3		♂ 5		* 8	□ 13
22	8 30	8 59	* 20		□ 1		
23	9 28	9 59			□ 0		
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⊙	11 32				* 16		
26	0 3	0 33		* 5		♂ 23	
27	1 0	1 27					
28	1 54	2 22	♂ 3	□ 14			♂ 14
29	2 43	3 4		♂ 5			
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Parker.

February, 1778

The Planets daily Motions Geocentrick.

The Planets Latitudes and Place of J's δ to every 6th Day.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000
The Planets Latitudes and Place of J's δ to every 6th Day.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	54																																																																																																																																																																																																																																																																																																																																																																																																																																																																									

The Heliocentrick Motions.

February, 1778.

Days	h	m	4	Ω	♂	Υ	Θ	Ω	♀	♂	♀	♂	♀	♂	♀	♂	♀	Day-lig. B. & E.	Sun Ri. Set.	Clock too fast.
1	9	13	21	17	3	43	12	50	13	17	16	17	5	30	7	7	26	5	14	7
7	9	24	21	45	7	25	18	55	22	46	15	17	5	21	7	7	14	5	14	37
13	9	35	22	13	11	5	24	59	2	15	8	57	5	12	7	7	5	5	14	38
19	9	47	22	41	14	44	17	1	11	44	28	14	5	0	7	6	53	6	14	12
25	9	58	23	9	18	22	7	3	21	14	17	18	4	50	8	6	41	6	13	22

M. H. Wat. Lon. B.

The Lunar Aspects.

The Mutual Aspects.

D.	Morn.	Aftern.	☉	h	4	♂	♀	♀	♂
☉	4 26	4 44	*22					*16	
2	5 2	5 21			Δ13				
3	5 44	6 7					□ 7	□ 15	□ ☉ h
4	6 34	7 1	□ 5	♂ 3	□ 15	* 4			Δ h ♂.) Perig.
5	7 32	8 4					Δ 15	Δ 15	
6	8 41	9 19	Δ 11		* 18	□ 10			♂ ♀ ♂
7	9 57	10 36							
☉	11 14	11 52		Δ 9		Δ 15			
9		0 25						♂ 16	
10	0 58	1 27		□ 13			♂ 7		♂ ☉ 4
11	1 56	2 21	♂ 3		♂ 1				
12	2 46	3 3	* 19						
13	3 20	3 35				♂ 8			□ h ♀
14	3 49	4 3						Δ 4	
☉	4 18	4 35			* 15		Δ 10		
16	4 51	5 7	Δ 5					□ 16	
17	5 24	5 43		♂ 15					♂ 4 ♀
18	6 3	6 26	□ 23		□ 2	Δ 14	□ 5) Apog.
19	6 50	7 15						* 8	
20	7 41	8 11			Δ 15				
21	8 42	9 16	* 17				□ 6	* 0	
☉	9 50	10 23		* 15					
23	10 55	11 30					* 21		
24		0 4						♂ 13	
25	0 33	1 2		□ 0	♂ 8				
26	1 29	1 55	♂ 17				♂ 5		
27	2 20	2 44		Δ 4					
28	3 3	3 21					♂ 12		

March, 1778.

The Planets and all Motions Geocentrick.																86	87
The Planets Latitudes and Place of the Sun to every 6th Day.																1	2
	☉	☿	♂	♀	Lat.	♂	♀	♂	♀	♂	♀	♂	♀	♂	♀	Sun's Declin. South.	
1	11	4	11	15	58. 2	15	18	19	35	4	36	5	21	14	13	7 25	
2	12	4	25	36	4 46	15	17	19	28	5	22	6	36	15	22	7 3	
3	13	4	9	8	4 13	15	16	19	21	0	8	7	51	16	33	6 46	
4	14	4	24	17	3 23	15	15	19	14	6	53	9	6	17	46	6 17	
5	15	4	8	11	2 21	15	14	19	8	7	39	10	31	19	1	5 58	
6	16	4	22	31	1 12	15	13	19	1	8	24	11	35	20	18	5 30	
7	17	4	6	24	0N 2	15	11	18	55	9	10	12	50	21	36	5 7	
8	18	4	20	10	1 14	15	10	18	49	9	56	14	5	22	56	4 44	
9	19	4	3	8	2 21	15	8	18	43	10	41	15	20	24	18	4 20	
10	20	3	17	13	3 20	15	7	18	37	11	27	16	35	25	41	3 57	
11	21	3	0	29	4 6	15	5	18	32	12	12	17	49	27	5	3 33	
12	22	3	13	34	4 39	15	3	18	26	12	58	19	4	28	31	3 9	
13	23	3	26	26	4 57	15	1	18	21	13	43	20	19	29	58	2 46	
14	24	2	9	5	5 0	14	50	18	16	14	28	21	34	1	27	2 22	
15	25	2	21	30	4 48	14	57	18	11	15	14	22	49	2	57	1 59	
16	26	2	3	11	4 24	14	55	18	6	15	59	24	3	4	28	1 35	
17	27	1	15	43	3 48	14	53	13	1	16	44	25	18	6	1	1 11	
18	28	1	27	35	3 2	14	51	17	56	17	29	26	33	7	35	0 48	
19	29	0	9	25	2 8	14	49	17	51	18	14	27	47	9	10	0 24	
20	☿	0	21	12	1 10	14	46	17	46	18	59	29	2	10	47	0 0	
21	0	59	3	8	0 7	14	44	17	42	19	44	0	16	12	25	0N 23	
22	☉	1	58	15	0S. 57	14	42	17	38	20	29	1	31	14	4	0 47	
23	2	58	27	40	1 59	14	39	17	34	21	14	2	45	15	44	1 11	
24	3	57	10	24	2 57	14	36	17	30	21	58	4	0	17	26	1 34	
25	4	57	23	34	3 48	14	33	17	27	22	43	5	14	19	9	1 58	
26	5	56	7	10	4 28	14	30	17	24	23	28	6	29	20	54	2 21	
27	6	55	21	12	4 53	14	27	17	21	24	13	7	44	22	40	2 45	
28	7	54	5	38	5 0	14	24	17	18	24	57	8	58	24	28	3 8	
29	☉	8	54	20	4 48	14	21	17	15	25	42	10	13	26	17	3 32	
30	9	53	5	8	4 17	14	17	17	13	20	26	11	27	28	7	3 55	
31	10	52	19	54	3 27	14	14	17	10	27	11	12	42	29	58	4 18	

M. H. Wat. Lon B.			The Lunar Aspects.						The Mutual Aspects.	
D.	Morn.	Aftern.	☉	♂	☿	♂	♀	♀		
1	3 37	3 52			△ 14			* 5		
2	4 9	4 26					* 20		□ ♀	
3	4 45	5 5	* 6	8 9	□ 16				□ 12	
4	5 28	5 51					* 22			☽ Perig.
5	6 20	6 49	□ 12		* 17		□ 4	△ 19	△ ☉ ♀	8 24 ☿
6	7 22	7 56								
7	8 35	9 14	△ 20	△ 16		□ 5	△ 12			
8	9 52	10 29								
9	11 5	11 41		□ 22		△ 13			△ ♀	
10		0 13			♂ 3			8 17		
11	0 44	1 10								
12	1 35	1 59	8 17	* 3			8 13			
13	2 23	2 42				8 11				
14	3 0	3 14			* 18					
15	3 28	3 42								
16	3 55	4 9		♂ 22				△ 1		
17	4 24	4 41			□ 5		△ 22			
18	4 58	5 16	△ 1						△ 24 ☿	☽ Apog.
19	5 35	5 57			△ 17	△ 19		□ 0		
20	6 19	6 45	□ 19				□ 18			
21	7 12	7 43						* 21		
22	8 14	8 47		* 0		□ 11			△ ♀	
23	9 21	9 56	* 11				* 10			
24	10 31	11 5		□ 8	8 13	* 22			♂ ☉ ♀	
25	11 38									
26	0 9	0 39		△ 12						
27	1 6	1 32						♂ 3		
28	1 58	2 23	♂ 4		△ 18		♂ 6			
29	2 44	3 4				♂ 8				
30	3 22	3 40		8 15	□ 20					
31	3 57	4 14						* 10	☽ Perig.	

Parker.

April, 1778.

The Planets daily Motions Geocentrick.

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The Planets Latitudes and Place of ♃'s ☉ to every 6th Day.	1	2N	35	1N	6	♄. 11	1S. 12	1S. 54	3	56
	7	2	36	1	6	♄ 7	1 4	1 16	3	37
	13	2	36	1	5	♄ 3	♄ 53	♄ 21	3	18
	19	2	37	1	4	♄N 1	♄ 42	♄N 43	2	59
	25	2	37	1	3	♄ 5	♄ 29	1 43	2	30

M D	☉	☿	♄	♅	Lat. ♄	♄ R	♅ R	♆	☿	♄	☿	♅	☿	Sun's Declin. North.
1	11	51	4	33	2S. 25	14	11	17	8	27	55	13	56	4 41
2	12	50	19	0	1 14	14	7	17	6	28	39	15	10	5 4
3	13	49	3♄	9	♄N 0	14	4	17	4	29	24	16	25	5 27
4	14	48	17	2	1 13	14	0	17	3	♄ 8	17	39	7 38	5 50
5	15	47	♄	39	2 21	13	56	17	1	0 52	18	53	9 36	6 13
6	16	46	14	0	3 19	13	52	17	0	1 36	20	8	11 36	6 36
7	17	45	27	7	4 5	13	48	16	59	2 0	21	22	13 38	6 58
8	18	43	10♄	4	4 38	13	44	16	58	3 24	22	36	15 41	7 21
9	19	42	22	49	4 57	13	40	16	57	3 48	23	50	17 45	7 43
10	20	41	5	22	5 1	13	36	16	57	4 32	25	4	19 50	8 5
11	21	40	17	45	4 51	13	32	16	56	5 16	26	19	21 55	8 27
12	22	38	29	57	4 27	13	28	16	56	6 0	27	33	24 1	8 49
13	23	37	12♄	1	3 52	13	24	16	56	6 44	28	47	26 7	9 11
14	24	36	23	57	3 6	13	20	16	56	7 28	♄ 1	28	28 14	9 32
15	25	34	5	47	2 13	13	16	16	57	8 11	1 15	♄ 22	9 54	
16	26	33	17	35	1 14	13	12	16	57	8 55	2 29	2 29	10 15	
17	27	31	29	24	0 12	13	7	16	58	9 39	3 44	4 35	10 36	
18	28	30	11♄	18	♄S. 52	13	3	16	59	10 22	4 58	6 41	10 57	
19	29	28	23	23	1 53	12	59	17	0	11 6	6 12	8 46	11 18	
20	8	27	5	45	2 53	12	55	17	1	11 49	7 26	10 50	11 38	
21	1	25	18	27	3 44	12	51	17	3	12 33	8 40	12 52	11 59	
22	2	24	1	34	4 26	12	46	17	5	13 16	9 54	14 52	12 19	
23	3	22	15	10	4 53	12	42	17	7	14 0	11 8	16 49	12 39	
24	4	20	29	16	5 5	12	38	17	9	14 43	12 22	18 44	12 59	
25	5	19	13	47	4 58	12	33	17	11	15 26	13 36	20 36	13 18	
26	6	17	28	39	4 31	12	29	17	14	16 10	14 50	22 25	13 38	
27	7	15	13	8	3 45	12	24	17	16	16 52	16 4	24 11	13 57	
28	8	13	28	52	2 43	12	19	17	19	17 36	17 18	25 53	14 16	
29	9	12	13	53	1 29	12	15	17	22	18 19	18 32	27 32	14 35	
30	10	10	28	37	0 11	12	10	17	25	19 2	19 46	29 7	14 53	

The Heliocentrick Motions.

April, 1778.

Days	Days												Leav.-fig.	Sun	Clock.
	h	m	4	5	6	7	8	9	10	11	12	13	S. P.	R. Set.	too fast.
1	11	4	25	53	8	51	11	51	16	49	4	44			
7	11	15	26	22	12	17	17	45	26	23	17	43	3	17	9 5 21 7 2 5
13	11	26	26	49	15	39	23	37	58	59	48	1	3	2	9 5 10 7 0 25
19	11	37	27	17	18	59	29	28	15	36	10	44	2	47	10 4 58 8 11 0.2
25	11	49	27	45	22	17	51	19	25	13	18	6	2	26	10 4 47 8 2 15

H. Wat. Lon. B.		The Lunar Aspects.					The Mutual Aspects.
	Morn.	Aftern.	☉	☿	♂	♀	♂
1	4 36	4 59	*13		*21	*17	
2	5 23	5 47			*17		
3	6 18	6 49	☐20	△19			☐5 △24 ♀
4	7 22	7 56				☐1	
5	8 32	9 9			☐0	△19	
6	9 45	10 21	△6	☐0	♂6	△12	△☉24
7	10 54	11 27			△11		
8	11 55		*7				△24 ♀
9	0 23	0 47					
10	1 11	1 33			*22		
11	1 55	2 15	♂8			♂18	♂10 ♂☉♀
12	2 34	2 51			♂13		
13	3 7	3 21		♂3	☐10		
14	3 35	3 49					☐Apo.
15	4 4	4 21			△23		
16	4 38	4 56	△20				♂♀♀
17	5 15	5 37			△22	△10	△13
18	6 0	6 26		*4			
19	6 52	7 21	☐13				
20	7 50	8 23		☐13	♂22	☐12	☐3
21	8 57	9 31				☐11	♂♂♀. ♀♂♀. ♀♂♂
22	10 5	10 37	*2	△20		*22	*16
23	11 9	11 43					*2
24		0 17					☐24 ♀
25	0 42	1 7			△6		
26	1 34	2 1	♂13	♂22			
27	2 26	2 50			☐6	♂5	♂4
28	3 12	3 30				♂10	☐21♂
29	3 49	4 7			*6		
30	4 31	4 55	*21	△22			

Parker.

May, 1778.

The Planets daily Motions Geocentric..

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The Planets Latitudes
and Place of \odot 's \oslash
to every 6th Day.

The Planets Latitudes and Place of \odot 's \oslash to every 6th Day.					1	2N	37	1N	3	ON	8	OS.	15	2N	22	2	20	
					7	2	36	1	2	0	12	0	0	2	32	2	1	
					13	2	36	1	2	0	16	ON	15	2	7	1	42	
					19	2	35	1	1	0	19	0	30	1	6	1	23	
					25	2	35	1	0	0	23	0	44	OS.	25	1	4	
M. D.	\odot	δ	\oslash	ϵ	Lat.	J	$\frac{1}{2}$ R	m	$\frac{1}{4}$	\oslash	δ	γ	η	ξ	π	Sun's Declin. North.		
1	11	8	13	2	1N	6	12	6	17	28	19	45	21	0	0	39	15	11
2	12	6	17	5	2	18	12	1	17	32	20	28	22	14	2	7	15	29
\odot	13	4	10	\oslash 45	3	10	11	57	17	35	21	11	23	27	3	31	15	47
4	14	2	24	5	4	8	11	52	17	39	21	54	24	41	4	51	16	4
5	15	0	7	η 6	4	4	11	48	17	43	22	36	25	55	6	6	16	21
6	15	58	19	50	5	4	11	43	17	47	23	19	27	9	7	17	16	38
7	16	56	22	ω 20	5	9	11	39	17	52	24	2	28	23	8	22	16	55
8	17	54	14	38	4	59	11	34	17	56	24	44	29	37	9	24	17	11
9	18	52	16	48	4	37	11	30	18	1	25	27	0	π 50	10	22	17	27
\odot	19	50	8	η 48	4	2	11	25	18	6	26	9	2	4	11	16	17	43
11	20	48	20	45	3	18	11	21	18	1	26	52	3	18	12	5	17	58
12	21	45	2	\uparrow 26	2	22	11	16	18	16	27	34	4	31	12	49	18	14
13	22	43	14	24	1	24	11	12	18	21	28	16	5	45	13	28	18	28
14	23	41	16	12	0	21	11	7	18	27	28	59	6	59	14	3	18	43
15	24	39	8	\oslash 2	OS. 44	11	11	3	18	32	29	41	8	12	14	33	18	57
16	25	36	20	0	1	47	10	58	18	37	0	π 23	9	26	14	59	19	11
\odot	26	34	2	ω 8	2	47	10	54	18	43	1	5	10	40	15	20	19	25
18	27	32	14	30	3	40	10	50	18	40	1	47	11	53	15	36	19	38
19	28	29	27	11	4	24	10	46	18	55	2	29	13	7	15	46	19	51
20	29	27	10	\times 15	4	55	10	42	19	2	3	13	14	21	15	52	20	3
21	π	25	23	44	5	11	10	38	19	8	3	52	15	34	15	π 51	20	16
22	1	22	7	Υ 43	5	11	10	34	19	15	4	35	16	48	15	48	20	28
23	2	20	22	8	4	50	10	30	19	21	5	17	18	1	15	42	20	39
\odot	3	18	6	\oslash 57	4	10	10	26	19	28	5	59	19	15	15	31	20	50
25	4	15	22	3	3	12	10	22	19	35	6	41	20	28	15	15	21	1
26	5	13	7	π 16	2	0	10	18	19	42	7	23	21	41	14	56	21	12
27	6	10	22	26	0	40	10	15	19	50	8	5	22	55	14	33	21	22
28	7	8	7	\oslash 26	ON 43	10	11	19	57	8	46	14	8	14	7	21	32	
29	8	5	22	6	2	1	10	7	20	5	9	28	25	21	13	38	21	41
30	9	3	6	\oslash 22	3	9	10	3	20	12	10	9	26	35	13	7	21	50
\odot	10	0	20	11	4	4	10	0	20	20	10	5	27	48	12	35	21	50

The Heliocentrick Motions.													May, 1778.		
Day	h	m	24	♈	♉	♊	♋	♌	♍	♎	♏	♐	Day-lig. B. & E.	Sun Ri. Set.	Clock too flow
1	12	0	28	♈	♉	♊	♋	♌	♍	♎	♏	♐	2 6 10	4 32 8	3 10
7	12	11	28	♈	♉	♊	♋	♌	♍	♎	♏	♐	1 44 11	4 26 8	3 45
13	12	22	29	♈	♉	♊	♋	♌	♍	♎	♏	♐	1 19 11	4 17 8	4 1
19	12	33	29	♈	♉	♊	♋	♌	♍	♎	♏	♐	0 48 12	4 8 8	3 56
25	12	44	0	♈	♉	♊	♋	♌	♍	♎	♏	♐	No Nig.	4 0 8	3 31

M. H. Wat. Lon. B.				The Lunar Aspects.							The Mutual Aspects.	
D	Morn.	Aftern.		☉	♈	♉	♊	♋	♌	♍		
1	5 19	5 44						* 12	* 15			
2	6 14	6 45								* 10	♈ ☉ ♈	
3	7 17	7 49	☉	☐ 4	☐ 2	♈ 12	☐ 20					
4	8 22	8 55							☐ 1	☐ 22		
5	9 28	10 0		Δ 16	* 9							
6	10 29	10 57						Δ 7	Δ 15			
7	11 24	11 51								Δ 13		
8		0 15				* 6					☐ ☉ ♈	
9	0 30	1 2										
10	1 24	1 46	☉		♈ 5	☐ 19						
11	2 7	2 27		♈ 0			♈ 13					
12	2 47	3 3						♈ 4	♈ 22		♈ Apog.	
13	3 18	3 34				Δ 8						
14	3 49	4 4										
15	4 20	4 39			* 6							
16	4 59	5 19		Δ 12			Δ 22					
17	5 40	6 5	☉		☐ 17			Δ 18				
18	6 30	6 56				♈ 8			Δ 2			
19	7 23	7 52		☐ 3			☐ 10					
20	8 22	8 54			Δ 1			☐ 8	☐ 10			
21	9 27	9 59		* 13			* 18					
22	10 32	11 4				Δ 19		* 16	* 13			
23	11 36		☉									
24	0 6	0 36			♈ 6	☐ 20					* 24 ♈	
25	1 6	1 35		♈ 21							♈ Perig.	
26	2 5	2 34				* 20	♈ 0		♈ 12			
27	2 57	3 10						♈ 1				
28	3 39	3 58			Δ 5							
29	4 21	4 44										
30	5 7	5 31		* 5	☐ 6		* 7		* 12			
31	5 58	6 28	☉			♈ 0		* 15				

Parker.

June, 1778.

The Planets daily Motions Geocentrick.

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The Planets Latitudes and Place of ☽'s ☾ to every 6th Day.				1	2N 33	3N 59	4N 27	5N 59	6N 23	7 0	8 42
				7	2 32	0 59	0 30	1 11	2 43	0 23	
				13	2 31	0 58	0 33	1 21	4 18	0 3	
				19	2 30	0 58	0 36	1 29	4 8	29 45	
				25	2 28	0 58	0 40	1 35	3 24	29 26	
M D.	☉	♂	♂	♂	Lat. ☽	♂ R	♂	♂	♂	♂	Sun's Declin. North.
1	10	58	3	36	4N 44	9 56	20 28	11 32	29 1	12 2	22 7
2	11	55	16	37	5 8	9 52	20 36	12 13	0 15	11 29	22 15
3	12	53	29	18	5 16	9 49	20 44	12 55	1 28	10 55	22 22
4	13	50	11	43	5 9	9 45	20 52	13 36	2 41	10 23	22 29
5	14	47	23	53	4 48	9 42	21 0	14 18	3 54	9 52	22 36
6	15	45	5	54	4 16	9 39	21 9	14 59	5 8	9 22	22 42
☉	16	42	17	48	3 31	9 36	21 17	15 40	6 21	8 54	22 48
8	17	39	29	37	2 38	9 33	21 26	16 21	7 34	8 29	22 54
9	18	37	11	25	1 39	9 30	21 35	17 2	8 47	8 8	22 59
10	19	34	23	15	0 35	9 27	21 44	17 43	10 1	7 51	23 3
11	20	31	5	7	0 S. 31	9 24	21 53	18 24	11 14	7 37	23 8
12	21	28	17	6	1 36	9 21	22 2	19 5	12 27	7 27	23 12
13	22	26	29	10	2 37	9 19	22 11	19 46	13 40	7 22	23 15
☉	23	23	11	26	3 32	9 16	22 20	20 27	14 53	7 21	23 18
15	24	20	23	55	4 18	9 14	22 30	21 8	16 6	7 D. 25	23 21
16	25	17	6	41	4 53	9 11	22 39	21 48	17 19	7 33	23 23
17	26	15	19	45	5 13	9 9	22 49	22 29	18 32	7 46	23 25
18	27	12	3	9	5 17	9 7	22 58	23 10	19 45	8 3	23 26
19	28	9	17	0	5 3	9 5	23 8	23 51	20 58	8 25	23 27
20	29	6	1	13	4 31	9 3	23 18	24 32	22 11	8 52	23 28
☉	30	4	15	47	3 41	9 1	23 28	25 12	23 24	9 23	23 28
22	1	1	0	39	2 34	8 59	23 38	25 51	24 36	9 59	23 28
23	1	58	15	42	1 17	8 57	23 48	26 32	25 49	10 39	23 27
24	2	55	0	48	0 N 7	8 55	23 59	27 12	27 2	11 24	23 26
25	3	53	15	47	1 29	8 53	24 9	27 54	28 15	12 4	23 25
26	4	50	0	32	2 43	8 52	24 19	28 35	29 28	13 8	23 23
27	5	47	14	56	3 46	8 50	24 30	29 15	0 41	14 6	23 20
☉	6	44	28	55	4 33	8 48	24 40	29 55	1 55	15 8	23 18
29	7	42	12	26	5 4	8 47	24 51	0 36	3 6	16 14	23 15
30	8	39	25	32	5 18	8 46	25 1	1 16	4 19	17 24	23 11

The Helocentrick Motions.

June, 1778.

Days	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈
1	12	57	0	37	11	55	10	58	25	1	9	42	
7	13	9	1	5	14	59	16	42	40	46	26	14	
13	13	20	1	33	18	1	22	26	14	31	13	23	
19	13	31	2	1	21	2	28	9	24	16	1	58	
25	13	43	2	20	24	1	3	53	4	11	2	23	3

Day-nig. B. & E.	Sun Ri. Set.	Clock too flo.
No	3 53 9	2 38
Dark-	3 48 9	1 38
ness, but	3 46 9	0 20
Twilight.	3 43 9	0 48
	3 44 9	2 0

M.	H. Wat.	Lon. B.	The Lunar Aspects.						The Mutual Aspects.	
D.	Morn.	Aftern.	☉	♈	♉	♊	♋	♌		
1	6 52	7 18	☐ 15	* 12			☐ 16		☐ 15	♈♉. ☉☌
2	7 46	8 15								
3	8 44	9 12						☐ 5	Δ 22	☉☌
4	9 40	10 8	Δ 4		* 18	Δ 4				
5	10 35	11 1						Δ 23		
6	11 29	11 56		♈ 8						
7										
8	0 45	1 8			☐ 7					
9	1 31	1 54	♈ 16		Δ 21	♈ 12		♈ 14		Apog. Δ ♈♀
10	2 18	2 38								
11	2 57	3 14		* 9				♈ 14		
12	3 30	3 46								
13	4 1	4 20		☐ 20					Δ 16	
14	4 40	4 59			♈ 20	Δ 19				
15	5 17	5 38	Δ 1							
16	5 59	6 23		Δ 5				Δ 21	☐ 2	
17	6 47	7 13	☐ 12				☐ 5			* 4♈
18	7 39	8 9							* 9	
19	8 40	9 13	* 20		Δ 10	* 12	☐ 7			
20	9 46	10 19		♈ 13						
21	10 53	11 29			☐ 13		* 13			
22		0 6						♈ 16		Perig.
23	0 37	1 8			* 13	♈ 18				
24	1 41	2 15	♈ 4	Δ 12						
25	2 41	3 7						♈ 28		
26	3 27	3 47		☐ 14					* 22	
27	4 7	4 27			♈ 17					
28	4 47	5 8	* 15	* 18			* 2			
29	5 29	5 49							☐ 8	
30	6 11	6 34					☐ 12	* 18		Δ ☉♈

Parker.

July, 1778.

The Planets daily Motions Geocentrick.

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The Planets Latitudes and Place of ♃'s ☿ to every 6th Day.	1	2N 27	0N 57	0N 43	1N 39	2S. 18	29	7
	7	2 26	0 57	0 45	1 40	1 28	47	
	13	2 24	0 57	0 48	1 38	0N 12	28	28
	19	2 22	0 57	0 51	1 33	1 10	28	09
	25	2 20	0 57	0 53	1 26	1 41	27	50

M. D.	☉	☿	♈	♉	Lat. ♃	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	Sun's Declin. North.
1	9	36	8	14	5N 14	8	45	25	12	1	56	5	31	18	38	23 7
2	10	33	20	39	4 56	8	44	25	23	2	36	6	43	19	56	23 3
3	11	30	2m	47	4 26	8	43	25	34	3	16	7	56	21	18	22 58
4	12	28	14	44	3 44	8	42	25	45	3	56	9	9	22	45	22 53
5	13	25	26	35	2 54	8	42	25	56	4	36	10	21	24	15	22 47
6	14	22	8	23	1 55	8	41	26	7	5	16	11	34	25	48	22 42
7	15	19	20	12	0 52	8	40	26	18	5	56	12	47	27	25	22 35
8	16	16	2w	5	0S. 13	8	40	26	30	6	36	13	59	29	6	22 28
9	17	14	14	5	1 19	8	39	26	41	7	16	15	12	0w	50	22 21
10	18	11	26	13	2 21	8	39	26	52	7	55	16	24	2	37	22 14
11	19	8	8w	31	3 18	8	39	27	4	8	35	17	36	4	28	22 6
12	20	5	21	1	4 7	8D. 39	27	15	9	15	18	49	6	22	21	58
13	21	2	3x	44	4 44	8	39	27	27	9	55	20	1	8	18	21 49
14	22	0	16	42	5 7	8	39	27	38	10	35	21	13	10	16	21 40
15	22	57	29	54	5 15	8	40	27	50	11	14	22	25	12	17	21 31
16	23	54	13	23	5 5	8	40	28	2	11	54	23	38	14	20	21 21
17	24	51	27	8	4 39	8	40	28	14	12	33	24	50	16	24	21 11
18	25	49	11	8	3 55	8	41	28	26	13	13	26	2	18	29	21 0
19	26	46	25	28	2 56	8	41	28	38	13	52	27	14	20	36	20 50
20	27	43	10	0	1 45	8	42	28	50	14	32	28	26	22	44	20 39
21	28	41	24	42	0 26	8	43	29	2	15	11	29	38	24	52	20 27
22	29	38	9w	29	0N 55	8	44	29	14	15	50	0w	50	26	59	20 15
23	30	35	24	14	2 12	8	45	29	26	16	30	2	2	29	5	20 3
24	1	33	8w	50	3 19	8	46	29	38	17	9	3	14	1w	11	19 50
25	2	30	23	10	4 12	8	47	29	50	17	48	4	26	3	17	19 32
26	3	27	7w	9	4 49	8	49	0w	3	18	27	5	38	5	22	19 24
27	4	25	20	42	5 9	8	50	0	15	19	7	6	49	7	26	19 11
28	5	22	3w	52	5 11	8	51	0	27	19	46	8	1	9	29	18 57
29	6	20	16	37	4 58	8	53	0	40	20	25	9	13	11	31	18 43
30	7	17	49	2	4 30	8	55	0	52	21	4	10	25	13	31	18 28
31	8	15	1m	10	3 51	8	57	1	4	21	43	11	36	15	20	18 14

The Heliocentrick Motions.

Julv, 1778.

Days	h	m	24	ny	♂	π	⊖	♂	♀	ny	♂	♂	Day-lyg. B. & E.	Sun Ri. Set.	Clock too fast.
1	13	54	2	56	26	58	9	36	13	47	17	45	No	3 46 9	3 19
7	14	5	3	24	29	54	15	19	23	31	17	23	Darkn.	3 50 9	4 23
13	14	16	3	51	2	48	21	2	3	13	22	8 12	but Twi-	3 55 9	5 13
19	14	27	4	19	5	41	26	46	12	54	29	Π 53	light.	4 1 8	5 46
25	14	38	4	47	8	33	2	30	22	34	5	43	10 45 12	4 10 8	6 1

M. H. Wat. Lon. B.			The Lunar Aspects.							The Mutual Aspects.	
D.	Mo n.	Aftern.	⊙	h	24	♂	♀	♂	♀		
1	6 58	7 23	□ 3						Δ 23		
2	7 48	8 14			* 9						
3	8 41	9 9	Δ 19	♂ 12		Δ 1	□ 11			□ h ♀	
4	9 38	10 7			□ 23						
⊙ 10	36	11 5									
6	11 33						Δ 7			* 24 ♂.) Apog.	
7	0 1	0 28			Δ 13				8 16		
8	0 55	1 21		* 13		8 10					
9	1 46	2 11	8 7								
10	2 36	2 54									
11	3 11	3 28		□ 0			8 19			Δ h ♂	
⊙ 12	44	3 59			8 12						
13	4 14	4 32		Δ 10		Δ 12		Δ 10		Δ h ♂	
14	4 51	5 10	Δ 10							♂ ♂ ♀	
15	5 28	5 40				□ 21					
16	6 11	6 36	□ 20				Δ 20	□ 2			
17	7 1	7 30		8 20	Δ 2						
18	8 0	8 34				* 4		* 14			
⊙ 19	8	9 46	* 2		□ 5		□ 3				
20	10 24	11 3		Δ 23	* 7		* 8			♂ 24 ♀.) Perig.	
21	11 42										
22	0 18	0 53				♂ 11					
23	1 26	1 59	♂ 11					♂ 9			
24	2 26	2 53		□ 0						♂ ⊙ ♀	
25	3 12	3 31			♂ 12		♂ 21				
⊙ 26	48	4 4		* 4		* 21					
27	4 23	4 42									
28	4 59	5 15	* 3					* 13			
29	5 34	5 53				□ 8				* 24 ♀	
30	6 15	6 37	□ 18	♂ 20	* 4						
31	7 0	7 23				Δ 22	* 1	□ 10			

Parker.

August, 1778.

The Planets daily Motions Geocentrick.

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The Planets Latitudes and Place of ♄'s ☿ to every 6th Day.	1	2N 19	♄N 57	♄N 56	1N 14	1N 45	27 28
	7	2 17	0 57	0 58	1 0	1 24	27 9
	13	2 15	0 57	1 1	0 44	0 49	26 50
	19	2 13	0 57	1 3	0 26	0 4	26 31
	25	2 12	0 57	1 5	0 6	♄S. 47	26 12

M D.	☉	♈	♉	♊	Lat. ♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	♊	♋	Sun's Declin. North.
1	9	12	23	6	3N 3	8	59	1	17	22	22	12	48	17	26	17	59	
☉	10	9	47	56	2	7	9	1	29	23	1	14	0	19	22	17	43	
3	11	7	16	45	1	7	9	3	42	23	40	15	11	21	16	17	28	
4	12	4	28	36	0	2	9	6	54	24	19	16	23	23	9	17	12	
5	13	2	10	34	1S. 2	9	8	2	7	24	58	17	35	25	0	16	55	
6	13	59	22	43	2	5	9	10	2	20	25	37	18	46	26	49	39	
7	14	57	5	3	3	2	9	12	2	33	26	16	19	57	28	37	22	
8	15	54	17	37	3	52	9	14	2	45	26	55	21	8	♈ 24	16	5	
☉	16	52	0	27	4	31	9	17	2	58	27	33	22	19	2	9	48	
10	17	50	13	32	4	57	9	19	3	10	28	12	23	30	3	53	30	
11	18	47	26	49	5	7	9	22	3	23	28	51	24	41	5	35	13	
12	19	45	10	18	5	0	9	25	3	36	29	29	25	52	7	15	55	
13	20	43	24	0	4	37	9	28	3	49	0	8	27	3	8	54	36	
14	21	40	7	48	3	57	9	32	4	1	0	47	28	14	10	32	18	
15	22	38	21	48	3	3	9	35	4	14	1	25	29	25	12	8	50	
☉	23	36	5	56	1	56	9	38	4	27	2	4	0	36	13	43	40	
17	24	33	20	10	0	44	9	41	4	40	2	43	1	47	15	16	21	
18	25	31	4	29	0N 34	9	45	4	53	3	21	2	58	16	47	13	2	
19	26	29	18	51	1	48	9	48	5	6	4	0	4	8	18	17	42	
20	27	27	3	13	2	56	9	52	5	19	4	39	5	19	19	46	22	
21	28	25	17	27	3	52	9	55	5	32	5	17	6	30	21	14	2	
22	29	23	1	31	4	32	9	59	5	45	5	56	7	41	22	40	42	
☉	♈	21	15	18	4	56	10	2	5	58	6	34	8	51	24	5	22	
24	1	19	28	45	5	4	10	6	6	11	7	13	10	1	25	28	1	
25	2	17	11	51	4	54	10	10	6	24	7	51	11	12	26	50	41	
26	3	15	24	35	4	30	10	14	6	37	8	29	12	22	28	10	20	
27	4	13	7	11	3	54	10	18	6	50	9	7	13	32	29	28	56	
28	5	11	19	8	3	7	10	23	7	3	9	45	14	42	0	44	9	37
29	6	9	1	3	2	13	10	27	7	16	10	23	15	52	1	58	9	16
☉	7	7	12	53	1	14	10	32	7	20	11	1	17	2	3	11	8	55
31	8	5	24	41	0	12	10	36	7	43	11	39	18	12	4	22	8	32

The Heliocentrick Motions.												August, 1778.			
Days	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	Day-lig. B. & E.	Sun Ri. Set.	Clock too fast.	
1	14	52	5	20	11	50	9	12	3	49	10	57	1 23 11	4 20 8	5 52
7	15	3	5	48	14	38	14	57	13	25	5	27	1 47 11	4 28 8	5 19
13	15	14	6	16	17	26	20	43	23	0	26	13	2 9 10	4 38 8	4 26
19	15	25	6	44	20	12	26	29	2	33	14	34	2 29 10	4 49 8	3 00
25	15	36	7	11	22	57	2	17	12	5	1	32	2 47 10	5 0 7	1 44
M. H. Wat. Lon. B.						The Lunar Aspects.						The Mutual Aspects.			
D.	Morn.	Aftern.	☉	♈	♊	♌	♎	♏	♐	♑	♒				
1	7 49	8 16			☐ 17							☐ ☉ ♈			
☉	8 46	9 17	Δ 12						☐ 21			☽ Apog.			
3	9 49	10 21									Δ 11				
4	10 53	11 25		* 21	Δ 7										
5	11 55								Δ 15						
6	0 24	0 52				8 6									
7	1 20	1 46	8 20	☐ 8											
8	2 12	2 33													
☉	2 54	3 11		Δ 17	8 5					8 3					
10	3 27	3 42						8 20				♌ 4 ♎			
11	3 57	4 13				Δ 4									
12	4 30	4 48	Δ 18												
13	5 6	5 26			Δ 17	☐ 11						* 12 ♎			
14	5 46	6 12		8 3						Δ 4					
15	6 38	7 8	☐ 2		☐ 22	* 17	Δ 14								
☉	7 38	8 15							☐ 15			☽ Perig.			
17	8 52	9 33	* 8						☐ 21						
18	10 14	10 54		Δ 9	* 1				* 23	* ♌ ♎					
19	11 33														
20	0 9	0 44		☐ 11		♌ 3	* 4								
21	1 15	1 45	♌ 20												
22	2 12	2 39		* 15	♌ 7										
☉	2 57	3 15								♌ 18					
24	3 30	3 45				* 16	♌ 23								
25	3 59	4 12													
26	4 29	4 46	* 18												
27	5 3	5 20		♌ 7	* 0	☐ 4									
28	5 41	6 2													
29	6 25	6 49	☐ 11		☐ 13	Δ 20			* 2	☐ ♈ ♌					
☉	7 15	7 41						* 9		♌ ☉ 24. ☽ Apog.					
31	8 12	8 44							☐ 22						

Parker.

September, 1778.

The Planets daily Motions Geocentrick.

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The Planets Latitudes
and Place of ☿'s ☿
to every 6th Day.

1	2N	11	0N	57	1N	8	1S.	20	1S.	50	25	50
7	2	10	0	57	1	10	0	44	2	42	25	30
13	2	9	0	58	1	12	1	8	3	26	25	11
19	2	8	0	58	1	14	1	38	3	50	24	52
25	2	7	0	59	1	16	1	58	3	35	24	33

M. D.	☉	☿	♂	♀	Lat.	♂	♂	♂	♂	♀	♂	♀	♂	♀	Sun's Declin. North.	
1	9	3	6	34	0S. 51	10	41	7	56	12	17	19	22	5	31	8 11
2	10	1	18	36	1 51	10	45	8	9	12	55	20	32	6	38	7 49
3	10	59	☿	51	2 50	10	50	8	22	13	33	21	42	7	43	7 27
4	11	58	13	24	3 40	10	55	8	35	14	11	22	51	8	46	7 5
5	12	56	26	14	4 20	11	0	8	48	14	49	24	1	9	47	6 43
☉	13	54	9	23	4 48	11	5	9	1	15	27	25	10	10	44	6 20
7	14	52	22	51	5 1	11	10	9	14	16	5	16	10	11	38	5 58
8	15	51	6	33	4 56	11	15	9	27	16	43	27	28	11	30	5 35
9	16	49	20	27	4 34	11	20	9	40	17	21	28	37	13	19	5 13
10	17	47	4	28	3 55	11	25	9	53	17	50	29	46	14	5	4 50
11	18	46	18	34	3 2	11	30	10	6	18	36	☿	55	14	47	4 27
12	19	44	2	41	1 58	11	36	10	19	19	14	2	4	15	25	4 4
☉	20	43	16	48	0 46	11	41	10	31	19	52	3	13	15	58	3 41
14	21	41	0	54	0N 28	11	46	10	44	20	30	4	21	16	27	3 18
15	22	40	14	58	1 40	11	52	10	57	21	8	5	30	16	51	2 55
16	23	39	28	50	2 47	11	57	11	9	21	45	6	39	17	11	2 32
17	24	37	12	54	3 43	12	3	11	22	22	23	7	47	17	25	2 8
18	25	36	26	44	4 25	12	9	11	35	23	0	8	55	17	32	1 45
19	26	35	10	22	4 51	12	14	11	48	23	38	10	3	17	33	1 22
☉	27	33	23	49	5 0	12	20	12	0	24	15	11	11	17	R 27	0 58
21	28	32	7	0	4 53	12	25	12	13	24	53	12	19	17	15	0 35
22	29	31	19	54	4 31	12	31	12	26	25	30	13	27	16	55	0 12
23	☿	30	2	31	3 57	12	57	12	38	26	8	14	35	16	28	0S. 12
24	1	29	14	51	3 12	12	43	12	51	26	45	15	43	15	54	0 35
25	2	28	26	56	2 19	12	49	13	4	27	22	16	50	15	12	0 59
26	3	27	8	51	1 20	12	55	13	17	28	0	17	58	14	23	1 22
☉	4	26	20	40	0 18	13	1	13	29	28	37	19	5	13	28	1 46
28	5	25	2	27	0S. 45	13	7	13	42	29	14	20	12	12	27	2 9
29	6	24	14	19	1 45	13	13	13	55	29	52	21	19	11	21	2 33
30	7	23	26	21	2 43	13	20	14	8	☿	29	22	26	10	13	2 56

The Heliocentrick Motions.

September, 1778.

Day.	h	m	24	ny	♂	☿	☽	♂	♀	♂	♀	♂	♀	Day-lig. B. & E.	Sun. Ri. Set.	Clock too flo.
1	15	49	7	48	26	8	9	3	23	11	20	46	3	7	9 5 14 7	0 18
7	16	0	8	10	28	52	14	52	2	41	7	36	3	24	9 5 25 7	2 15
13	16	12	8	37	18	35	20	43	12	10	25	4	3	37	9 5 37 7	4 19
19	16	23	9	5	4	16	26	35	21	40	15	40	3	52	9 5 49 7	6 24
25	16	34	0	22	6	10	2	28	1	8	0	8	1	5	8 6 1 6	8 28

H. Wat. Lon. B.				The Lunar Aspects.								The Mutual Aspects.	
M.	D.	Morn.	Astern.	☉	♂	♀	♂	♀	♂	♀	♂		
1	9	18	9	52	Δ 5	* 8	Δ 3						
2	10	25	10	58									
3	11	31											
4	0	3	0	31									
5	0	59	1	24									
6	1	49	2	13	8 9	Δ 4	8 0						
7	2	37	2	55									
8	3	12	3	28									
9	3	44	3	59									
10	4	14	4	34									
11	4	54	5	15	Δ 0								
12	5	37	6	5									
13	6	34	7	6	□ 7								
14	7	38	8	16	Δ 19	* 17							
15	8	55	9	36	* 14								
16	10	18	10	55									
17	11	32											
18	0	3	0	34									
19	1	2	1	29									
20	1	54	2	19	♂ 7								
21	2	38	2	57									
22	3	12	3	27									
23	3	41	3	54									
24	4	9	4	24									
25	4	41	4	59	* 12								
26	5	18	5	37									
27	6	1	6	25									
28	6	51	7	18	□ 7	* 22	Δ 23						
29	7	48	8	19									
30	8	53	9	27									

Parker.

October, 1778.

The Planets daily Motions Geocentrick.

The Planets Latitudes and Place of \odot 's \oslash to every 6th Day.	1	2N	6	1N	0	1N	18	2S.	21	2S.	18	24	14
	7	2	5	1	0	1	19	2	44	0	18	23	55
	13	2	4	1	1	1	21	3	4	1N	18	23	36
	19	2	4	1	2	1	23	3	20	2	1	23	17
	25	2	3	1	3	1	24	3	35	2	1	22	58

M D.	☉	☿	♂	♂	Lat.	♂	♂	♂	♂	♂	♀	♂	♀	♂	♀	☿	Sun's Declin. South.
1	8	22	8	38	3S. 34	13	26	14	20	1	6	23	32	9	4		3 19
2	9	21	11	15	4 15	13	32	14	33	1	43	24	38	7	56		3 43
3	10	20	4	X 15	4 46	13	38	14	45	2	21	25	44	6	50		4 6
☉	11	19	17	38	5 1	13	45	14	57	2	58	26	51	5	46		4 29
5	12	19	17	24	4 59	13	51	15	10	3	3	27	57	4	49		4 52
6	13	18	15	30	4 40	13	57	15	22	4	12	29	3	4	0		5 15
7	14	17	29	50	4 3	14	4	15	34	4	49	0	7 8	3	19		5 38
8	15	16	14	8 17	3 9	14	0	15	46	5	26	1	13	2	46		6 1
9	16	16	28	47	2 5	14	17	15	58	6	3	2	17	2	29		6 24
10	17	15	13	15	0 50	14	24	16	10	6	40	3	22	2	23		6 47
☉	18	15	27	35	0N 25	14	30	16	22	7	17	4	27	2	22		7 10
12	19	14	11	45	1 40	14	37	16	34	7	54	5	32	2D. 35			7 32
13	20	14	25	45	2 46	14	44	16	46	8	31	6	36	2	5		7 55
14	21	13	9	8 34	3 43	14	51	16	58	9	8	7	40	3	3		8 17
15	22	13	23	11	4 26	14	57	17	10	9	45	8	44	4	14		8 40
16	23	12	6	ny 38	4 54	15	4	17	22	10	21	9	47	5	4		9 2
17	24	12	19	53	5 5	15	11	17	33	10	58	10	50	6	2		9 24
☉	25	12	2	56	5 0	15	8	17	45	11	35	11	53	7	6		9 46
19	26	12	15	47	4 40	15	25	17	56	12	11	12	56	8	16		10 7
20	27	11	28	23	4 6	15	32	18	7	12	48	13	59	9	31		10 29
21	28	11	10	m 47	3 22	15	39	18	19	13	24	15	1	10	51		10 50
22	29	11	22	58	2 27	15	46	18	30	14	1	16	4	12	14		11 12
23	30	11	4	7 59	1 28	15	53	18	42	14	37	17	6	13	41		11 33
24	1	11	16	50	0 26	16	0	18	53	15	14	18	7	15	10		11 54
☉	2	11	28	37	0S. 38	16	7	19	4	15	50	19	8	16	42		12 15
26	3	11	10	v 24	1 40	16	14	19	15	16	26	20	8	18	16		12 35
27	4	11	22	15	2 38	16	21	19	26	17	3	21	9	19	51		12 56
28	5	11	4	15	3 30	16	28	19	37	17	39	22	9	21	27		13 16
29	6	11	16	30	4 14	16	35	19	47	18	15	23	9	23	3		13 36
30	7	11	19	5	4 47	16	42	19	58	18	51	24	8	24	39		13 56
31	8	11	12	X 4	5 6	16	40	20	9	19	27	25	7	26	10		14 15

The Heliocentrick Motions.

October, 1778.

Day.	h	m	4	m	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Day-lig. B. & E.	Sun Ri. Set.	Clock too flo.
1	16	45	10	1	9	36	8	22	10	36	7	1	4	18	8	6	12	6	10	25											
7	16	56	10	29	12	15	14	17	20	6	10	8	4	31	8	6	24	6	12	13											
13	17	7	10	56	14	54	20	14	29	35	17	25	4	43	8	6	36	6	13	45											
19	17	18	11	24	17	33	26	12	9	6	24	22	4	55	8	6	47	6	14	58											
25	17	29	11	51	20	11	2	8	11	18	37	26	5	6	7	6	50	6	15	47											

H. Wat. L. n. B.			The Lunar Aspect.										The Mutual Aspects.	
D.	Morn.	Aftern.	☉	h	4	8	♀	♂	☿	♂	♀	☿		
1	10	1	10	34	Δ	9							♂ ☉ ♀	
2	11	6	11	38										
3		0	7		Δ	17	8	19						
4	0	35	1	1										
5	1	26	1	51	8	20								
6	2	16	2	37										
7	2	57	3	15										
8	3	32	3	49										
9	4	5	4	26										
10	4	47	5	11	Δ	7								
11	5	36	6	6										
12	6	36	7	10	□	14	Δ	5	*	8				
13	7	44	8	21										
14	8	58	9	35	*	22	□	10						
15	10	11	10	44										
16	11	16	11	47										
17		0	18		*	16	♂	20	♂	7	□	6		
18	0	42	1	6										
19	1	29	1	51	♂	22								
20	2	13	2	34										
21	2	51	3	7										
22	3	22	3	36										
23	3	50	4	4										
24	4	22	4	40										
25	4	59	5	18	*	8								
26	5	40	6	3										
27	6	20	6	56										
28	7	2	7	51	□	2								
29	8	22	8	54										
30	9	26	9	59	Δ	16								
31	10	29	10	50	Δ	0	8	15	8	14				

Parker.

November, 1778.

The Planets daily Motions Geocentrick.

| Q | II

The Planets Latitudes and Place of ♄'s ☉ to every 6th Day.	1	2N	3	IN	4	IN	20	3S.	40	IN	33	22	36
	7	2	3	1	5	1	27	3	49	0	57	22	17
	13	2	2	1	6	1	29	3	45	1	16	21	58
	19	2	2	1	8	1	30	3	34	0S.	26	21	39
	25	2	2	1	0	1	32	3	13	1	1	21	10

M D.	☉	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	Sun's Declin. South:
1	9	11	25	29	58	0	16	56	20	19	20	3	26	5	27 53 14 34
2	10	11	9	22	4	55	17	3	20	29	20	39	27	3	29 31 14 53
3	11	12	23	40	4	22	17	10	20	39	21	15	28	0	1m 9 15 12
4	12	12	8	17	3	31	17	18	20	50	21	51	28	57	2 47 15 31
5	13	12	23	8	2	26	17	25	21	0	22	27	29	54	4 25 15 49
6	14	12	8	11	1	10	17	32	21	10	23	3	0	55	6 3 16 7
7	15	13	22	56	0N	11	17	39	21	20	23	39	1	45	7 40 16 25
8	16	13	7	38	1	30	17	46	21	30	24	15	2	39	9 17 16 43
9	17	13	22	6	2	42	17	53	21	40	24	51	3	32	10 54 17 0
10	18	14	6	15	3	43	18	0	21	50	25	27	4	25	12 31 17 17
11	19	14	20	5	4	30	18	8	21	59	26	3	5	18	14 8 17 33
12	20	15	3	37	5	0	18	15	22	9	26	38	6	11	15 45 17 50
13	21	15	16	51	5	13	18	22	22	19	27	14	7	3	17 21 18 6
14	22	16	19	49	5	10	18	29	22	28	27	50	7	54	18 57 18 21
15	23	16	12	33	4	52	18	36	22	37	28	25	8	44	20 33 18 37
16	24	17	25	3	4	19	18	43	22	46	29	1	9	32	22 9 18 52
17	25	17	7	22	3	36	18	51	22	55	29	37	10	21	23 45 19 7
18	26	18	19	32	2	43	18	58	23	4	0	12	11	9	25 20 19 21
19	27	19	1	32	1	43	19	5	23	13	0	47	11	56	26 54 19 35
20	28	19	13	26	0	39	19	12	23	21	1	23	12	42	28 29 19 49
21	29	20	25	14	0S.	26	19	19	23	30	1	58	13	27	0 4 20 2
22	30	21	7	50	1	30	19	26	23	38	2	33	14	11	1 39 20 15
23	1	22	18	48	2	30	19	33	23	46	3	8	14	54	3 13 20 27
24	2	22	0	40	3	24	19	40	23	54	3	43	15	36	4 47 20 40
25	3	23	12	40	4	10	19	47	24	2	4	18	16	16	6 21 20 51
26	4	24	24	53	4	46	19	54	24	10	4	53	16	55	7 55 21 3
27	5	25	7	24	5	9	20	1	24	18	5	28	17	33	9 29 21 14
28	6	26	20	16	5	18	20	8	24	25	6	3	18	10	11 3 21 24
29	7	27	3	35	5	10	20	15	24	32	6	38	18	46	12 37 21 35
30	8	27	17	21	4	44	20	22	24	40	7	12	19	21	14 10 21 44

The Heliocentrick Motions.													November, 1778.									
Days	h	m	2	m	♂	♂	♂	♀	♂	♂	♂	♂	Day-lig. B. & E.	Sun Ri. Set.	Clock too flo.							
1	17	42	12	24	23	15	9	11	29	45	27	52	5	17	7	12	5	16	12			
7	17	54	12	51	25	53	15	13	9	18	19	41	5	25	7	22	5	16	4			
13	18	5	13	19	28	30	21	15	18	52	8	41	5	34	7	33	5	15	24			
19	18	16	13	46	1	8	27	19	28	27	26	2	5	41	7	42	5	14	14			
25	18	27	14	14	3	45	3	23	8	8	3	12	5	48	7	50	5	12	34			
M. H. Wat. Lon. B.													The Lunar Aspects.						The Mutual Aspects.			
D.	Morn.		Aftern.		☉	h	2	♂	♀	♂												
1	11	31							☐ 1				♂ 2 ♀									
2	0	2	0	29																		
3	0	56	1	21					Δ 8	8 14												
4	1	46	2	12	8 7	8 15	Δ 20	Δ 23														
5	2	38	2	59																		
6	3	19	3	39			☐ 22															
7	3	58	4	20				☐ 1	8 16				☽ Perig.									
8	4	43	5	7	Δ 15	Δ 17	* 23			Δ 3												
9	5	32	6	1				* 5														
10	6	31	7	2	☐ 22	☐ 21				☐ 12			♂ ☉ h									
11	7	33	8	5																		
12	8	38	9	11					Δ 5													
13	9	45	10	15	* 9	* 3	♂ 10	♂ 20		* 0			* ☉ 2. ♂ h ♀									
14	10	44	11	12				☐ 16					* 2 ♀									
15	11	39																				
16	0	4	0	28																		
17	0	52	1	16		♂ 23		* 6		♂ 13												
18	1	39	2	1	♂ 15		* 7	* 23														
19	2	22	2	42																		
20	2	58	3	14			☐ 20						♂ ☉ ♀									
21	3	30	3	46				☐ 14					☽ Apog.									
22	4	1	4	16					♂ 16													
23	4	36	4	56		* 2	Δ 10															
24	5	15	5	34	* 4			Δ 6		* 9												
25	5	58	6	22		☐ 14																
26	6	46	7	10	☐ 20																	
27	7	38	8	6					* 29	☐ 4			* ☉ ♂									
28	8	36	9	6		Δ 0	8 8															
29	9	37	10	8	Δ 7			8 6		Δ 18												
30	10	38	11	8					☐ 4													

Parker.

December, 1778.

The Planets daily Motions Geocentrick.

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The Planets Latitudes and Place of \odot 's δ to every 6th Day.	1	2N	2	1N	10	1N	33	2S.	42	1S.	32	21	0
	7	2	2	1	12	1	34	1	57	1	58	20	41
	13	2	3	1	13	1	35	0	58	2	12	20	22
	19	2	3	1	15	1	36	0N	16	2	11	20	3
	25	2	4	1	16	1	37	1	44	1	49	10	44

M D.	\odot	\uparrow	\Downarrow	δ	Lat.	\Downarrow	\downarrow	m	\downarrow	m	δ	\approx	η	ϖ	δ	\uparrow	Sun's Declin. South.
1	9	28	1	34	4S.	0	20	29	24	47	7	47	19	55	15	44	21 54
2	10	29	16	13	2	59	20	36	24	54	8	22	20	26	17	18	22 3
3	11	30	1	12	1	45	20	43	25	1	8	56	20	56	18	52	22 11
4	12	31	16	22	0	23	20	49	25	8	9	31	21	24	20	26	22 19
5	13	32	1	34	1N	1	20	56	25	14	10	5	21	51	22	0	22 27
6	14	33	16	39	2	20	21	3	25	21	10	40	22	16	23	33	22 34
7	15	34	1	28	3	29	21	10	25	27	11	14	22	38	25	7	22 41
8	16	35	15	55	4	22	21	17	25	33	11	48	22	58	26	40	22 47
9	17	36	29	58	4	58	21	24	25	39	12	23	23	17	28	14	22 53
10	18	37	13	35	5	16	21	30	25	45	12	57	23	34	29	47	22 59
11	19	38	26	49	5	16	21	37	25	50	13	31	23	49	1	21	23 4
12	20	39	9	40	5	1	21	43	25	56	14	5	24	2	2	54	23 8
13	21	40	22	13	4	31	21	50	26	1	14	39	24	13	4	27	23 12
14	22	41	4	31	3	49	21	57	26	6	15	13	24	21	6	0	23 16
15	23	42	16	37	2	58	22	3	26	11	15	47	24	27	7	33	23 19
16	24	43	28	30	1	59	22	9	26	16	16	20	24	31	9	5	23 22
17	25	45	10	27	0	56	22	16	26	21	16	54	24	33	10	37	23 24
18	26	46	22	15	0S.	6	22	22	26	26	17	28	24	32	12	9	23 26
19	27	47	4	3	1	1	22	28	26	30	18	1	24	28	13	40	23 27
20	28	48	15	53	2	16	22	35	26	34	18	34	24	22	15	10	23 28
21	29	50	27	42	3	12	22	41	26	38	19	8	24	14	16	39	23 28
22	30	51	9	39	4	0	22	47	26	42	19	41	24	3	18	7	23 28
23	1	52	21	44	4	38	22	53	26	46	20	14	23	49	19	34	23 27
24	2	53	4	0	5	4	22	59	26	50	20	47	23	30	20	58	23 26
25	3	54	16	31	5	16	23	5	26	53	21	20	23	15	22	20	23 25
26	4	55	29	19	5	13	23	10	26	56	21	53	22	54	23	40	23 23
27	5	57	12	29	4	54	23	16	26	59	22	26	22	31	24	57	23 20
28	6	58	26	3	4	18	23	22	27	2	22	58	22	0	26	10	23 17
29	7	59	10	8	3	26	23	28	27	4	23	31	21	39	27	19	23 14
30	9	0	24	27	2	19	23	30	27	7	24	4	21	10	28	23	23 10
31	10	1	9	12	1	23	23	30	27	9	24	36	20	30	29	22	23 5

December, 1778

Days													Day-hg.		Sun	Clock				
	h	m	2	3	♂	3	⊖	Π	♀	♂	♀	♂	B. & E.	Ri. Set.	too flo.					
1	18	38	14	41	6	22	9	28	17	41	29	11	5	54	7	7	57	5	10	28
7	18	49	15	9	9	0	15	34	27	19	16	33	5	57	7	8	2	4	8	0
13	19	0	15	36	11	37	21	40	6	Π	58	5	59	7	8	6	4	5	15	
19	19	11	16	4	14	15	27	47	16	39	27	6	6	1	6	8	8	4	2	17
25	19	23	16	31	16	54	3	54	26	20	22	37	6	1	6	8	7	4	ofa.	43

M. H. Wat. Lon. B.			The Lunar Aspects.						The Mutual Aspects.
D.	Morn.	Aftern.	☉	♂	♀	♂	♀		
1	11 39								
2	0 11	0 42		8 7 Δ 14		Δ 7		* ♀	
3	1 12	1 42	8 17		Δ 13			Perig.	
4	2 11	2 38		□ 16			8 7		
5	3 4	3 25			□ 14				
⊙	3 46	4 7		Δ 7 * 16		8 9			
7	4 28	4 52			* 17			□ 2 ♀	
8	5 16	5 41	Δ 1	□ 9			Δ 21		
9	6 6	6 32							
10	6 59	7 26	□ 10	* 14 ♂ 22		Δ 18			
11	7 53	8 21					□ 10		
12	8 50	9 18	* 23		♂ 8				
⊙	9 46	10 14				□ 4			
14	10 41	11 9		♂ 11 * 19		* 16	* 3		
15	11 37								
16	0 3	0 28							
17	0 53	1 18			* 14			□ ⊙ 24	
18	1 42	2 6	♂ 10	□ 9				Apog.	
19	2 28	2 50					♂ 12		
⊙	3 7	3 24		* 14 Δ 22	□ 6 ♂ 17				
21	3 39	3 53							
22	4 9	4 26			Δ 21				
23	4 44	5 2	* 22	□ 2					
24	5 20	5 39						□ ♂ ♀	
25	6 1	6 24		Δ 12 8 20	* 12	* 12			
26	6 47	7 10	□ 11					♂ ♀ ♀	
⊙	7 36	8 3			8 19	□ 17		□ ♂ ♀	
28	8 34	9 5	Δ 20				□ 0		
29	9 38	10 12		8 22		Δ 19			
30	10 47	11 22			Δ 4				
31	11 57						Δ 7		

